

20010115.qrp v02_n068.qrl.20010115

Date: Mon, 15 Jan 2001 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2068

QRP-L Digest 2068

Topics covered in this issue include:

- 1) [88616] Re: Need O Scope Help
by KB7WW Art Moe <kb7ww@chatusa.com>
- 2) [88617] Norcal 20
by Stewart Bowers <stewbow@yahoo.com>
- 3) [88618] Re: OT Re: Sad HP anti-gun
by Jim Lowman <jmlowman@ix.netcom.com>
- 4) [88619] Test Only
by Fred Lesnick <flesnick@tbaytel.net>
- 5) [88620] William Hewlett 1913 - 2001 was Re: [88526] Re: Sad Note
by "Rod Cerkoney" <n0rc@hotmail.com>
- 6) [88621] Re: Sad Note
by "Victor Blackwell" <victor@brecnet.com>
- 7) [88622] antenna switches
by David Gilson <kd3em@velocity.net>
- 8) [88623] Help: NEC MSP-523 N
by KB7WW Art Moe <kb7ww@chatusa.com>
- 9) [88624] Re: ARRL Handbook Sale?
by "al dawkins" <alk0frp@home.com>
- 10) [88625] RTTY/RATT & what I figure is QRP
by nilsbull@juno.com
- 11) [88626] Re: antenna switches
by "George, W5YR" <w5yr@att.net>
- 12) [88627] Re: Nerdvana and the Altoids mini-tin!
by preacher102677@juno.com
- 13) [88628] NAQP/Chad/Florida Contest Group
by Paul Womble <pwomble1@tampabay.rr.com>
- 14) [88629] SST Sunday
by "ListeningPost" <cqdx@teleport.com>
- 15) [88630] NJQRP offers K8IQY "4017 Transverter" Kit
by "George Heron" <n2apb@erols.com>
- 16) [88631] Re: Sad
by Ray Sills <raysills@1stconnect.com>
- 17) [88632] Re: Sad (OT)
by "Gordon Cougar" <gcouger@couger.com>
- 18) [88633] Contest: QRPDUPE and NAQP Scoring
by Brian Kassel <bkassel@dancris.com>
- 19) [88634] Contest: NAQP Results K7RE

- by Brian Kassel <bkassel@dancris.com>
- 20) [88635] Wanted: NJQRP TT2 Kit
by Paul Womble <pwomble1@tampabay.rr.com>
- 21) [88636] K-1 Mods - switchable bandwidth
by John Wagner <john@neknetwork.com>
- 22) [88637] OT Re: Sad HP anti-gun
by "Denis Englander" <ko6gf@slip.net>
- 23) [88638] Anti Gun & HP &...
by Tim Pettibone <k5oi@zianet.com>
- 24) [88639] Thanks to Dan Shepherd
by RangerSF5@aol.com
- 25) [88640] Re: Contest: NAQP Results K7RE
by Bob Nielsen <nielsen@oz.net>
- 26) [88641] K1 Builders? Where are you???
by "Doug Hendricks" <ki6ds@dospalos.org>
- 27) [88642] Re: Corroded feedline & Snow on Ladder Line
by "Adrian Weiss" <aweiss@usd.edu>
- 28) [88643] HeadPhones, What do you use?
by Bryn Joynes <bryn@pcpractice.com>
- 29) [88644] Re: HeadPhones, What do you use?
by "Rod Cerconey" <n0rc@hotmail.com>
- 30) [88645] Thanks for Antenna Info
by "Kevin Nathan" <k7rx@uswest.net>
- 31) [88646] Fun with the SMK-1 in SA
by "Trevor Jacobs" <fxtech@earthlink.net>
- 32) [88647] Re: Anti Gun & HP &...
by Andrew Reynolds <calliban@sinnfree.sinnfree.org>
- 33) [88648] RE: Sad
by "Tom Bowman" <tbowman@nbn.net>
- 34) [88649] Great Australian kit
by "Tom Bowman" <tbowman@nbn.net>
- 35) [88650] Re: Small TX loops still amaze!
by Stewart Bryant <stewart.bryant@virgin.net>
- 36) [88651] Re: antenna switches
by "Karl F. Larsen" <k5di@zianet.com>
- 37) [88652] Re: Alinco DX-70T
by Joseph I Pirkle <ad4ih@juno.com>
- 38) [88653] RCVR: QRP simplicity, back to the basics
by Richard Matthews <prm@hiwaay.net>
- 39) [88654] [TMPS] SWLing on 30 and FR5FD Mi/W
by "Chuck Carpenter" <w5usj@globeco.net>
- 40) [88655] Whoops! Another MS-15 awaits birth.
by preacher102677@juno.com
- 41) [88656] PSK :Warbler
by Richard Matthews <prm@hiwaay.net>
- 42) [88657] Re: K-1 Mods - switchable bandwidth
by "James Parsons" <res075cz@gte.net>
- 43) [88658] Re: K-1 Mods - switchable bandwidth

- by K4IA@aol.com
- 44) [88659] Re: K-1 Mods - switchable bandwidth
by John Wagner <john@neknetwork.com>
- 45) [88660] Re: HeadPhones, What do you use?
by "ZOOM" <kandRparker@sympatico.ca>
- 46) [88661] Re: "QRP" becomes official California state policy
by "Mike Yetsko" <myetsko@insydesw.com>
- 47) [88662] FOX: Cub Fox - Monday Jan 15 - final notice
by John Wagner <john@neknetwork.com>
- 48) [88663] Re. WEN Soldering Gun (Non-QRP)
by w0av@juno.com
- 49) [88664] Re: QRP simplicity, back to the basics
by "Brian" <brian@iquest.net>
- 50) [88665] Yep, QRP for sure . . . Re: RTTY/RATT & what I figure is QRP
by John R Kirby <n3aaz-qrp@juno.com>
- 51) [88666] Re: antenna switches
by MertNellis@aol.com
- 52) [88667] "4017" and SMK-1
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 53) [88668] antenna/tuner /RF on feed line questions
by RangerSF5@aol.com
- 54) [88669] Re: K-1 Mods - switchable bandwidth
by K4IA@aol.com
- 55) [88670] Need FT price info
by RangerSF5@aol.com
- 56) [88671] Re: K-1 Mods - switchable bandwidth
by "Dave Fifield" <ad6a@earthlink.net>
- 57) [88672] Re: "4017" and SMK-1
by "George Heron" <n2apb@erols.com>
- 58) [88673] Contest: QRPDUPE Newest Version
by Brian Kassel <bkassel@dancris.com>
- 59) [88674] Contest: Doghouse Sprint Award
by Brian Kassel <bkassel@dancris.com>
- 60) [88675] RE: ARRL Handbook Sale?
by Kenneth Hoglund <hoglund@wfu.edu>
- 61) [88676] Fwd: RadioKit 1/08/2001 Debug Deja Vu - 5
by "Larry Wise" <lewise@txwises.com>
- 62) [88677] Re: HeadPhones, What do you use?
by "Larry Gaalaas" <lgaalaas@qwest.net>
- 63) [88678] Re: K-1 Mods - switchable bandwidth
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 64) [88679] Re: "4017" and SMK-1
by Bob Nielsen <nielsen@oz.net>
- 65) [88680] RFI: Yaesu VX-5000
by "Rod Cerkoney" <n0rc@hotmail.com>
- 66) [88681] FOX: FoxHunt #24, W8RU Final Log
by Ron Majewski <majewski@erim-int.com>
- 67) [88682] Truffle Hunt Tuesday January 16

- by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
- 68) [88683] WTB: Ten-Tec Model 276 crystal calibrator
by "Mike Swift" <m0cqg@dial.pipex.com>
- 69) [88684] Re: QRP simplicity, back to the basics
by "Steve/n0tu" <n0tu@webaccess.net>
- 70) [88685] Yaesu VR-5000 was Re: Yaesu VX-5000
by "Rod Cerkoney" <n0rc@hotmail.com>
- 71) [88686] Headphones and Hiss/Hum reduction
by John.Meade@smc.com
- 72) [88687] Re: "4017" and SMK-1
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 73) [88688] PalmPilot & QRP Enthusiasts
by "Jim Gelbort" <jamesgelbort@worldnet.att.net>
- 74) [88689] Loop Antenna Question..
by "Phinizy, William" <wphinizy@filenet.com>
- 75) [88690] FOX Kf4ar preliminary log
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 76) [88691] FS: QRP Rigs
by "N3BJ" <qrpdx@earthlink.net>
- 77) [88692] FW: Wireless Inventor Al Gross Dies
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 78) [88693] NiMH batteries
by Andrew Madsen <andrew@utahdesign.com>
- 79) [88694] Re: Saturday PSK31 80m net
by Rohn Blake <rohn@pubrats.com>
- 80) [88695] How to...70 foot pines???
by K5BDZ@aol.com

Date: Mon, 15 Jan 2001 00:16:53 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: brian@iquest.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88616] Re: Need O Scope Help
Message-ID: <3A62B1F5.5D5D3B7@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Try an e-mail to W7TYR (dektyr@teleport.com) Deane is an retired
from TEK and has some manuals.

Art
KB7WW

Brian wrote:

>

> I have Tek 922 Portable O Scope (15Mhz, good for audio) and a couple
> of probes. I would love to get my hands on a manual for this unit.

>

> Does anyone have one that I can copy?

>

> Thanks

>

> --

> =====
> KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
> 39.558 N 86.095 W Johnson Co., Indiana
> GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
> Member of the American Radio Relay League - SOC #400
> FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
> =====

Date: Sun, 14 Jan 2001 16:21:45 -0800 (PST)
From: Stewart Bowers <stewbow@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [88617] Norcal 20
Message-ID: <20010115002145.13187.qmail@web2306.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For Sale

Unbuilt Norcal 20 still in unopened box. Will sell
for what I paid, \$100. Includes 10 turn pot and I
will pay shipping. Stew Bowers WB6FBB

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
<http://personal.mail.yahoo.com/>

Date: Sun, 14 Jan 2001 19:26:30 -0500
From: Jim Lowman <jmlowman@ix.netcom.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88618] Re: OT Re: Sad HP anti-gun
Message-ID: <3A621986.F70E651F@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

> HP DeskJet printers are in contention, and their calculators
> for the LONGEST time had NO equal. Sorry TI!! But
> the old HP-35 was the first and best of it's type, then the
> HP-45 nailed the coffin in the pretenders. Eventually HP
> got knocked off, but some even today have no equal,
> like the HP-16c for programmers, or the 'financial' model
> (which I don't have).

We use HP printers exclusively at my office. I can remember setting up some of the older LaserJets back in the mid-80s, and they are still running. I liked the 1100A laser printer on my desk so much that I bought one for home, and recently bought my wife a DeskJet 1220C to replace her old and ailing 560C. Good stuff!

As far as calculators, when we went back to college in the late-70s, the 15C was a mainstay for both of us, and the 16C for me as a Computer Science major. Unfortunately, the 16C seems to have given up the fight for no good reason, as replacing the batteries and cleaning the contacts didn't seem to turn it on. I have since bought a 32SII, which can handle the base conversions as well as the scientific functions.

Anyone know if HP will still repair the 16C? I miss it, in a way!

The TI calculators that I had seemed to suffer from a number of problems. The early scientific and programmers' models were prone to battery pack/wall-wart failures. Seems like the failure of one destroyed the other. I paid a TI Tech Rep \$150 for a scientific calculator in the mid-70s; today they're a throwaway item. Later TI calculators were made cheaply, with poor tactile feedback as compared with HP. I haven't looked at TI calculators recently, but looks as if the TI-86 might be a good one. It's required for the calculus-series courses at the college where my wife teaches.

My wife never would touch the TI calculators, or any other with algebraic notation as opposed to RPN, after using the 15C in her engineering studies. I'm bilingual, but still prefer the RPN 32SII.

72 de Jim - AD6CW

Date: Sun, 14 Jan 2001 19:26:21 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88619] Test Only
Message-ID: <3A6243AD.D726F7D3@tbaytel.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Test

Date: Sun, 14 Jan 2001 17:29:04 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [88620] William Hewlett 1913 - 2001 was Re: [88526] Re: Sad Note
Message-ID: <F10fud7bqV0tpw4SvcD00009c27@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Much has been said here on QRP-L about Mr. Hewlett. But however you feel, or what you might think, he was a man of uncompromising integrity and that deserves our respect.

To learn more about him and the company he built with his long time friend Dave Packard, please refer to:

<http://www.hp.com/hpinfo/newsroom/hewlett/index2.htm>

Be sure to look at the bottom of the page for links to photos, stories...etc.

My deepest sympathies to his family and friends.

73, Rod N0RC
Fort Collins, CO RIP Bill, and thank you.

>From: "Rod Cercone" <n0rc@hotmail.com>
>Reply-To: n0rc@hotmail.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Re: [88526] Re: Sad Note
>Date: Sun, 14 Jan 2001 16:36:36 -0700
>
>No more.
>
>Medical electronics went to Agilent in the split, then just a few weeks ago
>Agilent sold the medical electronics division to Philips.
>
>73, Rod N0RC
>HP veteran, now Agilent

>
>
>>From: "Dan W. Dooley" <dandooley@pipeline.com>
>>Reply-To: dandooley@pipeline.com
>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>>Subject: Re: [88526] Re: Sad Note
>>Date: Sun, 14 Jan 2001 17:10:37 -0600
>>
>>Let's not forget medical electronics. For quite a few years I
>>worked
>...
>>HP is a major competitor and made (still does, I presume) a competing line
>>of like products.
>....
>
>Get your FREE download of MSN Explorer at <http://explorer.msn.com>
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 14 Jan 2001 20:12:11 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88621] Re: Sad Note
Message-ID: <002701c07e90\$30ab58a0\$425730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think it worth mentioning, one of HP's first customers was the Disney
Park in Anaheim. What ever it is called. Very famous.

The lady who works the trouble desk used to send me fruit grown on the ranch
of Hewlett or Packard. Things have sure changed lately out there.

Vic AD8K

Date: Mon, 15 Jan 2001 01:29:30 +0000
From: David Gilson <kd3em@velocity.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88622] antenna switches
Message-ID: <3A620C2A.A365593@velocity.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello everyone.

I'm re doing my shack and I want to make and muli position coax switching box so all I have to is select the radio and then select the antenna, but thinking about it makes my head spin!, or would it be better to make up a patch panel. Does anyone know where I can get information on making a switch box and what kind of switch can be used?. I have a friend in Maryland who uses house light switch to switch between his antennas but he is running 100 + watts.

David Gilson
QRP ARCI # 8126

Date: Mon, 15 Jan 2001 01:32:34 -0800
From: KB7WW Art Moe <kb7ww@chatusa.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [88623] Help: NEC MSP-523 N
Message-ID: <3A62C3B2.20AAAF1F@chatusa.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I would like to find the specs on the above relay. Can any one help??

Art
KB7WW

Date: Sun, 14 Jan 2001 18:18:21 -0700
From: "al dawkins" <alk0frp@home.com>
To: <hoglund@wfu.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88624] Re: ARRL Handbook Sale?
Message-ID: <008601c07e91\$23e769a0\$0300a8c0@home>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Aurora, Colorado. B and N \$32. Web site \$26.50 Plus shipping ground \$29.59
2 day \$32.60

Guess we don't get the deal others stores offer ????

The HF Digital handbook is \$15.00 but not the 2001 Handbook. B&N sales
person said there is a national data base at all stores so they may have
missed keyed the SKU #.

I tried but No Cigar.

Al K0FRP

----- Original Message -----

From: "Kenneth Hoglund" <hoglund@wfu.edu>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, January 13, 2001 5:52 PM

Subject: ARRL Handbook Sale?

> Couldn't help pass this along. Santa brought a Barnes & Noble gift
> certificate, so the kids and I went there late this afternoon. Saw some
> odds and ends of interest and then to my amazement saw a 2001 Handbook.
> OK, I thought, something to blow the cash on.
>
> During check-out the kids kept me preoccupied and I handed the card to
> the clerk, who after muttering some stuff handed it back to me with a
> receipt showing the balance. Gathering the gang I thanked him and headed
> out to the parking lot. While strolling along I looked at the receipt
> and realized something was wrong: it was too much for having \$50 minus
> \$32. Opened the bag and looked at the purchase receipt: yup--clearly
> marked was "ARRL Handbook for Radio 16.00".
>
> So, if you're needing the latest edition (it's my first handbook---been
> wearing out the Library's 1999 edition), and there's a B&N nearby, you
> may want to have them scan the price on any handbooks in stock. Nice
> after-Xmas treat.
>
> 73
>
> Ken KG4FGC
>

Date: Mon, 15 Jan 2001 01:21:23 +0000

From: nilsbull@juno.com

To: QRP-L@lehigh.edu

Subject: [88625] RTTY/RATT & what I figure is QRP

Message-ID: <20010115.012129.-268895.1.nilsbull@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Gang,

Well, once I got the rtty program loaded & pullin' in stations, I tried it out. My first rtty Q in 29 years was with George PY1HA in Rio de Janeiro on 20m. I had the amp lit up about 10 W. It didn't get too warm, so I put it on this morning about the same heat & had a couple digital Qs. PSK with I2YSB, Hell with WP4JLU & RTTY with F6AUS. I thought that was pretty neat.

The Hell Q with David in Cabo Rojo was the hottest the big chunk of heat sink on the amp got all day, so I cobbled a small fan on it & now it's kinda happy. No, not that kind of happy. The other kind of happy. After the glue sets, I probably figure out a better way to sink the heat through the fan.

Cindy had me out most of the afternoon hangin' shelves in the laundry room. We got those wire thingies with the white rubbery paint on 'em & half a million different kinds of ways to make big holes in drywall board. Bet Bob Vila never works on a house that don't even have regular stud spacing like this one. Sixteen inch one minute, 28 inches the next, thirteen after that & then nothin for another two feed.

So that's the deal. Now to figure out what that pipe soundin' kinda giggle toned thingie is . . . like I need another digital mode. As if this ain't bad enough.

73

Nils

. . . I bet somewhere there's a band plan chart what tells me where the RTTY peeps hang out . . . I already got one a couple times for Hell & PSK. Maybe even MT68, which I ain't found much of yit . . . even if I could figure it out . . .

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

<http://www6.50megs.com/w8ijn> -- W8IJN --

<http://members.fortunecity.com/nilsbull>

"In MY day we had to FIGHT to have earphones! Every DAY was a STRUGGLE!"

-- Comrade Nikolai Sergeievich

McTovarishov, 19 Oct 1917

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 14 Jan 2001 20:10:32 -0600
From: "George, W5YR" <w5yr@att.net>
To: kd3em@velocity.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88626] Re: antenna switches
Message-ID: <3A625C18.EB48C22F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David, MFJ makes some very good coax switches that will solve your problem.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

David Gilson wrote:

>
> Hello everyone.
>
> I'm re doing my shack and I want to make and muli position coax
> switching box so all I have to is select the radio and then select the
> antenna, but thinking about it makes my head spin!, or would it be
> better to make up a patch panel. Does anyone know where I can get
> information on making a switch box and what kind of switch can be
> used?. I have a friend in Maryland who uses house light switch to
> switch between his antennas but he is running 100 + watts.
>
> David Gilson
> QRP ARCI # 8126

Date: Sun, 14 Jan 2001 20:48:34 -0500
From: preacher102677@juno.com
To: qrp-l@Lehigh.EDU
Subject: [88627] Re: Nerdvana and the Altoids mini-tin!

Message-ID: <20010114.205545.-163381.4.preacher102677@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

I sit on the precipice of completion!

A few obstacles still sit in the way, however. First, where on earth can I find a stinkin' female end for the three SIP connectors for the volumue, tuning, and key/phones?!? Radio Shack employees give me blank looks, and one just made some cynical comment about how "the store is changing." I was one in his sentiment! They had a total of about four slots for capacitors, yet rows and rows of cell phones, and isp GARBAGE!

Anywho, does "The Shack" have any such beasties, if not, can I bootleg the connection? Also, what are you people putting these things in? This is my first transceiver kit (SMT is NEET!!!) , and every other kit I've built had a handy dandy case that went along with it! I'll be using it portable a lot, so small and light is good.

THX in Advance! Sorri I havn't been on the air on 40 like I said, but I've been trying to improve cw (I was rather embarrassed a coupla times), I have however recently modded my rig to cover part of the gen class band, so sooner or later, you'll hear me calling CQ!

LIC,

G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."

Photographer, Philosopher, Preacher, Pirate, Poet.

DE KG4GVL/AG Clear.

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 14 Jan 2001 21:29:15 -0500

From: Paul Womble <pwomble1@tampabay.rr.com>

To: FPQRP <fpqrp-1@mpna.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [88628] NAQP/Chad/Florida Contest Group

Message-ID: <3A62607B.B04CA01D@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

For you guys and gals that were on for the NAQP yesterday...this will answer

the questions about all of those "FL Chads".

We had 6 teams...all with 1 "celebrity" and 4 Chads.

Celebrities included:

JEB
DUBYA
GEORGE
AL
KATHERINE
DICK

73
K4FB/Chad

----- Original Message -----
Subject: [CQ-Contest] NAQP/Chad/Florida Contest Group
Date: Sun, 14 Jan 2001 16:38:51 -0800
From: "Jim White, K4OJ" <k4oj@tampabay.rr.com>

K7SV writes:

> Our friend K4OJ always seems to come up with a unique name in these
> things, but it was interesting to see that he got 95 percent of the
> FL entrants to participate in this one! NP4Z was even using Chad!
>

tnx - but most of the credit should go to the members of the Florida
Contest
Group and definitely WD4AHZed. Ron, AHZed orchestrated this activity!
Yes, I helped stir up the troops, sure...but this event had "fun"
written
all over it...unfortunately our President K1T0 is out of town so as
ex-president I substituted as "Dubya" - this probably helped "Al" to win
Florida :-)) - jus kiddin'

The Florida Contest Group has had the good fortune to have grown quite a
bit
in recent years, and since a lot of you readers could be retiring in
Florida

we feel that skills like playing multiple bingo cards and contesting are part of the fun Florida culture and feel that we should foster these skills

with pro-Florida good will efforts. The NAQP is a fun contest, a good fit

for the Florida lifestyle - short enough that it is possible to re-structure

other weekend activities around - like catching the early bird special or a

round of golf...it is just too cold for a trip to the beach right now!

After putting it to a vote we went for the Chad teams, and spent over a week

in anticipation as to how it would take!

I got a LOT of ".... .." 's, as well as repeats, with Dubya and I know the

Chads all did, two. For reference the Florida Contest Group currently has

two honorary members, W3AU and NP4Z...hence NP4Zeds signing of "Chad".

We will be promoting a similar activity for SSB, and hope to catch some of

you then!

Stay tuned for details on the WAC, Worked All Chads, award - available to

any station that worked 25 members of the FCG in the NAQP - details should

be posted on CQ-Contest Reflector tomorrow.

Thanks to all the non-FCG members for letting us have some fun, too!

And a

special thanks to WD4AHZed for handling the organization of this operating

event.

Lest I forget...only 104 days until the Florida QSO Party, check out the details at:

<http://www.qsl.net/fqp>

If you are a contester thinking of moving to Florida or are already here and

want to learn more about contesting please check out the Florida Contest Group website, it is at:

<http://www.qsl.net/fcg>

If you will be in Orlando next weekend on Sunday the 21st please join us
at
our holiday brunch - contact me for details!

Happy New Year!

Jim, K40J

FCG...its not a job, its an adventure!

Date: Sun, 14 Jan 2001 18:30:41 -0800
From: "ListeningPost" <cqdx@teleport.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [88629] SST Sunday
Message-ID: <018801c07e9b\$284adf40\$86231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Wow...3 CQ's, 3 answers...bang, bang, bang!
Can't beat that! Even worked Pete AK3X/m/qrp near Baltimore with his 2.5w
and Hustler whip.

Didn't have much time to play today, so I was really pleased to drum up
business so easily...

Long live QRP!

73 John K7FD
SST/20 1.8w, Cubex Quad
<http://www.teleport.com/~cqdx/mellow.htm>

Date: Sun, 14 Jan 2001 21:40:52 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqr.org>
Subject: [88630] NJQRP offers K8IQY "4017 Transverter" Kit
Message-ID: <003a01c07e9c\$aed3d4d0\$fbee9fea9@ghlpt4>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Dear Homebrewing QRPers -

At the last NJQRP meeting we offered members a 40m-to-17m transverter kit developed by master craftsman and designer Jim Kortge, K8IQY. This kit consists of a "bag o parts", some assorted copper-clad material, and a very cool 26-page technical and assembly manual with which one could build this Manhattan-style transverter.

K8IQY's "4017 Transverter" will be featured and fully detailed in the forthcoming QRP Homebrewer #5 (Winter 2001), due to subscribers by the end of January. But K8IQY generously agreed to let the NJQRP kit up his design and make it available even before QHB goes to press, and we used his article as the basis for the technical manual of the kit.

Then to top off this splendid project, Paul Harden, NA5N provided stunningly clear assembly graphics of the boards in 5 beautifully done illustrations that are as good as or better than anything he's ever done for the QRP community! This work of art will help novice and expert homebrewers alike in construction of the 4017 Transverter.

So here's the deal ... We deliberately created more kits than we could use so we could offer the remaining 30-or-so kits to the QRP community in order to foster Manhattan-style homebrewing, as well as to encourage use of our 17m WARC band. This is a great band for QRP and offers all sorts of DX potential. All you'd need to add to this transverter project is a common 40m QRP CW transceiver and an antenna. Then voila, you're on 18 MHz!

*** We only have about 30 kits in stock! ***

We'll make more kits if interest exists after this offer on QRP-L and after QRP Homebrewer #5 hits the streets. But to get a jump on what may be high interest from the QHB publication of the project, reserve yours now by email to n2apb@amsat.org. After getting back a confirmation, send in your order. The price is \$35 for US (\$40 Canada and DX). Make checks out to "George Heron, N2APB" and send to:

George Heron, N2APB
2419 Feather Mae Court
Forest Hill, MD 21050

You can see a photo of the assembled 4017 Transverter kit and further technical information at the NJQRP's 4017 web page <http://www.njqrp.org/4017>. Also see our 4017 Kit Notes page (<http://www.njqrp.org/4017/kitnotes.html>) for schematics and full color versions of the photos presented in the Technical Manual, and additional

construction information to augment the manual. Also presented there are two articles written by Joe Everhart, N2CX: "What's a Transverter?" and "17 Meters - An Excellent QRP Resource".

This is a fun kit! I have mine built into an NC20 case ... sits real nicely upon my Red Hot 40 transceiver. See you on 17 meters!!!

73, George N2APB
n2apb@amsat.org
for the NJQRP Club at <http://www.njqrp.org>

=====

K8IQY 4017 Transverter Kit Details:

This Manhattan-style "bag o parts" kit contains all components and most materials needed to construct a functional 17m transverter. Contents include:

- 1) all circuit components (R, C, L, toroid cores & magnet wire, semiconductors, IC's,
- 2) pre-cut copper-clad pcb material for the base board and Rx converter board,
- 3) strips of pcb material for the builder to snip off to form the Manhattan pads, and
- 4) a 26-page manual offering detailed technical description and construction information.

All that's needed in addition to the Kit is some SuperGlue for the Manhattan pads and some hookup wire and mini-coax for board interconnect.

Jim Kortge, K8IQY presents the design and construction of a CW transverter for 17 meters in the well-written and beautifully laid out Technical Manual. The 4017 design uses a 40-meter transceiver as the source for basic receive and transmit functions. As configured, it will put out 3 -watts of r.f. when driven with 2-watts. More output power is available with higher drive. Solid state T/R switching is incorporated for transmit and receive, so no external T/R switching is needed.

Two versions of the receive converter are presented. The first, which uses an active NE602 mixer, is easier to build, but is more susceptible to overload by very strong signals. The second version uses a commercial diode double balanced mixer (MiniCircuits LMX-113) that provides much better strong signal performance, but is a bit more complicated to build. (Parts for the second converter are provided in the 4017 Kit. Also, an ADE-1 mixer is provided in place of the LMX-113.)

The transmit strip uses another LMX-113 DBM (ADE-1), along with a transistor line-up comprised of a 2N2222, 2N5109, and a 2SC1945 final. Two additional 2N2222s and a 2N2907 device are employed for local oscillator and r.f.

detector/switch functions.

Multiple "on-air" contacts have confirmed the unit functions quite well, and is an inexpensive way to provide 17 meter coverage for those who don't have this capability.

NOTE: This kit is best suited for intermediate homebrewers who are comfortable with building projects Manhattan-style. Guidelines and instruction concerning this style of homebrewing can be found online on K8IQY and K7QO websites, and in QRP Homebrewer issue #2 (Winter 2000). The 4017 is less complicated as compared to the popular 2N2/40 Transceiver, and construction time is estimated to be about 10 hours.

Date: Sun, 14 Jan 2001 22:01:25 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@Lehigh.EDU>
Subject: [88631] Re: Sad
Message-ID: <B687D234.1AFF%raysills@1stConnect.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The New York Times for Saturday, January 13th had an obit. I think NPR also carried the news.

73 de Ray
K2ULR

> From: "Andy Anderson" <aanderso@onramp.net>
> Reply-To: aanderso@onramp.net
> Date: Sat, 13 Jan 2001 18:23:56 -0600
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: Re:Sad
>
> What is much sadder is that I heard nary a thing in the news about these two
> really great pioneers of the electronics industry. Our hats are off to both
> of them. May HP regain its former glory!
>
> Andy KD5LZQ
>

Date: Sun, 14 Jan 2001 21:06:42 -0600
From: "Gordon Couger" <gcouger@couger.com>
To: <kandRparker@sympatico.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88632] Re: Sad (OT)
Message-ID: <04f201c07ea0\$306b9d40\$2da8413f@home.xxx>

No matter what their politics or anything else their test equipment was top notch. They designed and built their stuff right. Until their name became more valuable in the consumer market than the test equipment market and the consumer folks couldn't be bothered with the equipment part and spun them off they were a great company. They are still two good companies.

Gordon W5RED
G. C. Couger gcouger@provlue.net Stillwater, OK

----- Original Message -----

From: "ZOOM" <kandRparker@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, January 14, 2001 12:56 PM
Subject: Re: Sad (OT)

> If the anti-gun cause was to get illegal guns off the streets and out of the
> hands of criminals then I say bravo. If it was to support gun
legislation
> that restricts law abiding responsible citizens from owning a gun then I
say
> not a good direction.
> Criminals will get guns regardless of legislation that's why they are
> Criminals! Any way enough politics. I too am saddened to hear about the
> recent passing. All my labs at University had HP equipment and was very
> reliable.

>
>

> ----- Original Message -----

> From: Mike <mmorrow@companet.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Sunday, January 14, 2001 1:40 PM
> Subject: Re: Sad (OT)

>
>

> > Mike Yetsko wrote:

> >

> > > <snip> a LOT of HP money went to anti-gun causes...

> >
> >
> > This is an excellent point and little-known fact about HP Company and
> > Mr. Hewlett, in particular. Now that's really the "sad" part.
> >
> > At one time HP made the best engineering calculators in the world,
> > before engineers started using PCs for anything more complex than
adding
> > up a grocery list, and calculators were relegated to student use.
> >
> > 73,
> > Mike / KK5F
> > (RPN Forever!)
>

Date: Sun, 14 Jan 2001 08:08:47 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [88633] Contest: QRPDUPE and NAQP Scoring
Message-ID: <3A61C0FF.FC2CE39F@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Seems as if I got hold of some erroneous information as to how the NAQP contest was to be scored as far as how the SPC's were counted. I set up the program to count SPC's on all Bands, not each band. That is to say if one worked a certain SPC on one band, it wouldn't be counted if the same SPC was worked on another. The program worked perfectly on that assumption, although the assumption was incorrect.

I'll have the next version up on my web site tomorrow, and will, among other additions, be set up to score the NAQP correctly, as set forth by the contest Journal. All you have to do is to simply download it, copy it into your directory where the log was saved, and run the program. All of your saved information is totally correct, no editing is required.

Download at:
<http://www.dancris.com/~bkassel/index.htm#top>

All other data developed by the program was correct. Next time I'll do some cross checking on how any new contest is actually scored. One

source isn't good enough it would seem.

Brian K7RE

Date: Sun, 14 Jan 2001 08:25:54 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>
Subject: [88634] Contest: NAQP Results K7RE
Message-ID: <3A61C502.9B63B76E@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Well that was a real blast. Conditions were good on 10, 15 and 20, with the best conditions that I have seen on 40 in a long time. I worked many stations on all 4 bands, which was quite surprising. I even bagged Bruce, in the Cayman islands on 3 bands, and his multiplier didn't even count! There were a few QRP'ers worked that I recognized, all seemed to be doing pretty well too. 80M was the usual non-performer. It just doesn't seem to get a lot of activity around the SW. I do have to put up a dipole for that band though.

I hope that this score might encourage a few folks who might be a bit timid jumping into non-QRP only contests. My antennas are only mediocre, and the K-2 is not the world's most expensive rig either. No, it's NOT for sale, not even close ;)

I worked for 9.5 hours total time on.

Band	QSOs	Points	Mult's
160	0	0	0
80	2	2	2
40	110	110	40
20	103	103	40
15	85	85	38
10	55	55	24
6	0	0	0
2	0	0	0
Totals	355	355	144

Total Score: 51,120 Points

Rig:

Elecraft K-2 5W

Antennas: 80M: HF-2 Vertical ground mounted with 64 radials.

40m: W4RNL "Squashed" vertical delta loop

low dipole (10') for close in stations

HF-2 Vertical ground mounted with 64 radials (DX)

Software QRPDUPE

10/15/20M 3 element trapped tribander at 35' high

Brian K7RE

Date: Sun, 14 Jan 2001 22:53:36 -0500

From: Paul Womble <pwomble1@tampabay.rr.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [88635] Wanted: NJQRP TT2 Kit

Message-ID: <3A627440.B50E20D6@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Does anyone have an unassembled TT2 kit they will part with? I want to build one and waited too long to get one from NJQRP.

Thanks

Paul K4FB

Date: Sun, 14 Jan 2001 23:32:03 -0500

From: John Wagner <john@neknetwork.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [88636] K-1 Mods - switchable bandwidth

Message-ID: <3A627D43.44D95383@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Gang,

If there is one fault I can give the K-1, it's the "jerkiness" of the tuning. It's not REAL jerky, but enough so that I notice it. I built mine with the 80Khz bandwidth, but to be honest I'd really like to have the full 150Khz bandwidth on 40m so I could use it for the cub fox hunt. I don't however want to give up the finer tuning when using it in the

lower part of the 40m band. IOW's, I want the best of both worlds.

The problem is, you can't build it with 150Khz on one band and 80Khz on the other. The other problem as I see it is that if the tuning is "jerky" with the 80Khz bandwidth, it's probably even worse with the wider bandwidth. I don't want the wider bandwidth to be a permanent thing.

So what I'd like to do is come up with a way to switch in the wider bandwidth when needed.

I'm pretty much a follower when it comes to building radios - I know about enough to be dangerous. My thought was to either hard wire a switch between the wide and narrow caps, or use a relay like the ones that are used elsewhere in the K-1.

Anyone here have any thoughts on how to accomplish this? Thanks, 73

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Personal Web page: <http://www.together.net/~jwag>

Date: Sun, 14 Jan 2001 20:52:40 -0800
From: "Denis Englander" <ko6gf@slip.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88637] OT Re: Sad HP anti-gun
Message-ID: <001501c07eae\$fd7534a0\$f1507fd8@sirus.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike ... and the others who might still be interested...

I find no mention of anti-gun activity promoted via the HP education endorsements. Have a look at their site, <http://www.hpineducation.hp.com/> and please point out where you have found it.

Actually, I would like you to site your sources for the claims that you are making in general against the goodwill of HP, Mr. Hewlett and Mr. Packard. I am unable to confirm any anti-gun activity or

donations to such a cause. If they exist, then I am only further delighted. Guns are designed to destroy.

Perhaps such mind control is being offered at this institution, sponsored in part by HP?

<http://www.telementor.org/>

Quite frankly, I find your pro-gun stance and anti-gun fears pretty small when compared to the legacy of HP and its founders. Please keep in mind that Mr. Hewlett was among other things, a hunter, as well as a combat vet, so I am sure that he knew where a gun belongs.

You can confirm by "some closer reading" as you would call it, at this site, the link kindly provided by others.

<http://www.hp.com/hpinfo/newsroom/hewlett/index2.htm>

No problem with you owning anything your heart desires, buy another one if you want, but yes I am in favor of a society which is educated with regard to the place for weapons. Perhaps you would have felt better if HP had produced a gun. Certainly it would have been one of the best on the market.

There is sport. There is necessity. There is defense. There is offense. So there should also be responsibility and education to minimize the impact of weapons on a society. I would consider a weaponless global society pretty enlightened, as long as it did not give up all of the great cultural differences along the way, as we could all end up eating mush day after day. Don't worry, not a chance of it ever happening.

Sorry for the bandwidth, but I think HP and its founders deserve better treatment and respect, than given.

72/73 de K06GF - Denis in SF

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Sunday, January 14, 2001 3:16 PM

Subject: Re: OT Re: Sad HP anti-gun

> > Mike...and the others who might be interested...

> >
> > As a California resident, I must say that HP has always
> > been thought of as NOT just another company, nor have
> > the founders of HP been just regular leaders. Please
> > click on the URL provided, for a short news clip on HP.
> >
> > <http://cbsnews.com/now/story/0,1597,263826-412,00.shtml>
> >
> > I must also confess that I DON'T know about the lives of the
> > rest of the leaders of most big corporations, and perhaps
> > that is EXACTLY what makes HP so outstanding. They were
> > known!
> >
> > Regarding the money that you claim went from HP toward
> > anti-gun causes, I have none of those facts, but as the article
> > found in the above URL notes, HP was indeed philanthropic.
> >
> > My dictionary says that philanthropy is:
> .
> .
> .
>
> First off, I STILL liked some HP products, and when they
> are the best, I just can't justify NOT giving them my money.
>
> HP DeskJet printers are in contention, and their calculators
> for the LONGEST time had NO equal. Sorry TI!! But
> the old HP-35 was the first and best of it's type, then the
> HP-45 nailed the coffin in the pretenders. Eventually HP
> got knocked off, but some even today have no equal,
> like the HP-16c for programmers, or the 'financial' model
> (which I don't have).
>
> Hmm, back to your original comment, you can call a lot of
> things whatever you decide to call them. Just like Paul
> Newman and his 'Newman's Own' line. Most advertising
> claims 'charitable' organizations, but upon closer reading,
> it says 'charitable and educational' organizations. I suppose
> they consider it educational for an organization to 'educate'
> people that handguns should be banned.
>
> Mike
>
>
>

Date: Sun, 14 Jan 2001 22:06:11 -0700
From: Tim Pettibone <k5oi@zianet.com>
To: ko6gf@slip.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88638] Anti Gun & HP &...
Message-ID: <4.3.2.7.0.20010114220231.00a95c00@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

With all due respect to those with differing opinions, what the heck does this thread have to do with QRP? We could also debate abortion, tax relief, UN, and, I'm sure, lots of other topics. That's not what I thought QRP-L was about. Let's get back to our primary thread. For those of you that don't agree, you have the right to be WRONG!

Tim K5OI
Las Cruces, NM

Date: Mon, 15 Jan 2001 00:25:04 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [88639] Thanks to Dan Shepherd
Message-ID: <62.afa1fed.2793e3b0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just want to say Thanks to DANIEL J. SHEPHERD.
I have been trying for weeks to reconfigure AOL hometown URL back to the old Members.aol.com and got brain damage
Dan put a fix on it for me in about 15 minutes and did more then I really expected.
Thanks Dan.
Bob
WA2HOQrp <tm>

Date: Sun, 14 Jan 2001 21:28:59 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [88640] Re: Contest: NAQP Results K7RE
Message-ID: <20010114212859.A1462@oz.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sun, Jan 14, 2001 at 08:25:54AM -0700, Brian Kassel wrote:

> Gangue:

>

> Well that was a real blast. Conditions were good on 10, 15 and 20,
> with the best conditions that I have seen on 40 in a long time. I worked
> many stations on all 4 bands, which was quite surprising. I even bagged
> Bruce, in the Cayman islands on 3 bands, and his multiplier didn't even
> count! There were a few QRP'ers worked that I recognized, all seemed to
> be doing pretty well too. 80M was the usual non-performer. It just
> doesn't seem to get a lot of activity around the SW. I do have to put up
> a dipole for that band though.

Hi Brian,

>From reading the rules, it looks like the Cayman Islands should count
as a multiplier:

10. Multipliers: Are U.S. states (including KH6 and KL7), Canadian
provinces/territories (British Columbia, Alberta, Saskatchewan,
Manitoba, Ontario, Quebec, New Brunswick, Nova Scotia, PEI, Labrador,
Yukon, NWT, and Nunavut) and other North American countries....

^^

According the the DXCC countries list, Cayman Islands clearly counts as
North America, as do nearly all of the Caribbean islands.

72, Bob N7XY

Date: Thu, 14 Jan 1999 21:35:08 -0800
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [88641] K1 Builders? Where are you???
Message-ID: <000701be4048\$d1d0d620\$65bdc03f@DougHendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I have received only 5 responses to my question as to what is the
current consumption in your K1. I am doing a couple of things here. One I
am demonstrating to my classes that you can do research over the internet.
It is a common thought among my students that all research must be done in a

lab, and I am trying to show that data can be collected from everywhere, and that you don't have to have a "professional" lab to do it. But, 5 responses is not a very big sample of data. It is 1% of the K1's sold and I would have expected 50 - 100 responses from the K1 builders.

I was surprised when I built my K1 to see the current drain was 59 mA no signal, 67 mA good signal, and 120 mA same signal with the speaker instead of the headphones!! The specs say 50 mA, but that is for no signal, which is a strange way to spec things in my layman's view. I would think that there should be a real world standard that we can use to compare the current draw. I think I may have just discovered why my K2 ate batteries too. I was surprised to discover that the current draw was so high with the speaker. If you are taking your K1 backpacking, you better disconnect that speaker and use headphones if you want to be anywhere near the what the current drain is specified at. Mine draws 67 mA listening to a good strong signal with the volume set at 12 O'clock, yet when I pull the headphones and listen to it on the speaker, it draws 120 mA!!!!!!!!!!!!!! That is a far cry from the 50 mA in the manual. My meter is a Fluke, and my power supply voltage was 13.8V. In fact, my rig is 33% over what the manual says, but wait, the manual says that the current draw is 50 mA but what they don't say is that is for no signal present. In that case, mine is 18% more than it should be as it is 59 mA with no signal present.

By the way, I have checked and all parts are in the right place. Eric and Wayne both told me that I could expect to see a current draw of 80 - 120 mA using the speaker, so I don't think my readings are bad. I am curious and would like to see more data. So if you have built a K1, please send me an email with K1 Current Measurement in the subject line.

I need the following data. Audio pot set at 12 O'Clock, tune in a good solid signal, say 579 - 599, and give me the following current readings in mA.

No Signal
Headphones
Speaker

Thanks again. Doug, KI6DS

Date: Mon, 15 Jan 2001 00:06:54 -0600 (CST)
From: "Adrian Weiss" <aweiss@usd.edu>
To: Dennis Berry <dennisberry@worldnet.att.net>
Cc: qrp-l@lehigh.edu
Subject: [88642] Re: Corroded feedline & Snow on Ladder Line
Message-ID: <Pine.SOL.4.03.10101142353360.9667-100000@sunburst.usd.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Denny and the gang:

Yes indeed, corrosion on the copper radiator wire has exactly the same effect - it creates a lot of loss where-ever it is in an r.f. wave travel path. It becomes the dielectric through which the propagating r.f wave must pass into order to be radiated. Remember that a parallel feedline cancels 180-deg out of phase up/down waves because they interact between the two conductors -- so, loss is probably accompanied by a lot more radiation from the feedline.

Interestingly enough, a QRP'r sent me NBS tests from way way back in the early 1920's which dealt exactly with the effect of corrosion. Amazing results! With respect to using stranded wire for the radiator, the report observed that this was not a good idea because of the currents that were set up by all the strands bucking each other etc. I've used only solid since then.

An infrequent drawback of ladder line (with the rectangles cut out etc.) occurs during a snow storm like we had here yesterday and last night -- very wet snow and, believe it or not, absolutely no wind (this is SD!). Due to the lack of wind, the snow began accumulating on the ladder line even though it runs vertically for 20-ft down from the antenna. As the night progressed, the temp dropped and it froze in place. I had a fabulous run of 40 QSOs in the first hour of my brief NA Sprint, then took off a couple of hours, came back down, and had to totally retune the ATU. By then, the rectangles were solid ice. This affected the impedance of the line and probably set up a nice loss situation. I had to work harder to make another 20 QSO's. Must not have been totally frozen yet because I had to seriously retune again this morning when visual inspection showed the whole feedline was iced.

This is the first time this has happened because the snow always comes down horizontally, to mix directions! Nothing stays anywhere unless it is a drift pattern.

72, Ade

On Sat, 13 Jan 2001, Dennis Berry wrote:

> I saw your message to a fellow HAM in the QRP-L reflector. Quick question.
> Does the same apply to the antenna? I have a 130 foot dipole fed with 450
> ohm ladder line that was in storage outside under our deck. When I pulled

> it out this year, the antenna had several areas (read that bunches) of
> corrosion on it. (The antenna wire is stranded copper, no cover on it). My
> initial thinking was that it would not make a difference to the antenna what
> with the skin effect and really just a 'radiator'.
>
> But, after reading your advice on the 450 ohm feedline, I am having my
> doubts. What do you think?
>
> Thanks in advance,
>
> Dennis Berry, NU8S
>
>
>

Date: Mon, 15 Jan 2001 01:00:48 -0600
From: Bryn Joynes <bryn@pcpractice.com>
To: fists@qth.net
Subject: [88643] HeadPhones, What do you use?
Message-ID: <3A62A020.112C8C49@pcpractice.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I'm looking to buy some headphones to work CW, and also some SSB
occasionally. What do others use? I was thinking of the Heil ProSet 5.

Best Regards

Bryn

Bryn Joynes (N4VM EM65L0) Primary Care Practice, P.C.
bjoynes@collug.org <http://www.collug.org> ICQ 5656763
bryn@pcpractice.com <http://www.pcpractice.com>
===== "Wellness is a Partnership" =====

Date: Mon, 15 Jan 2001 00:16:20 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: bryn@pcpractice.com, qrp-1@Lehigh.EDU
Subject: [88644] Re: HeadPhones, What do you use?

Message-ID: <F253osA91E9GQvnbEG100008a54@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Bryn,

I've been using Kenwood HS-5s for 2+ years. The Kenwood's start rolling off the high frequencies around 5kHz, this minimizes the amount of hiss you have to listen to.

I run 95% CW so I can't say much about how HS-5s will work on SSB. The _very_ few times I tried, they seemed OK.

73, Rod
Fort Collins, CO

>From: Bryn Joynes <bryn@pcpractice.com>
>Reply-To: bryn@pcpractice.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: HeadPhones, What do you use?
>Date: Mon, 15 Jan 2001 01:00:48 -0600
>
>Hi,
>
>I'm looking to buy some headphones to work CW, and also some SSB
>occasionally. What do others use? I was thinking of the Heil ProSet 5.
>
>Best Regards
>
>Bryn
>
>-----
>Bryn Joynes (N4VM EM65L0) Primary Care Practice, P.C.
>bjoynes@collug.org http://www.collug.org ICQ 5656763
>bryn@pcpractice.com http://www.pcpractice.com
>===== "Wellness is a Partnership" =====

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Sun, 14 Jan 2001 21:01:38 -0700
From: "Kevin Nathan" <k7rx@uswest.net>
To: <qrp-1@lehigh.edu>
Subject: [88645] Thanks for Antenna Info

Message-ID: <000701c07ea7\$dc5b8f00\$03000000a@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I want to thank those who sent me suggestions for a twenty meter antenna.
I'll let you know what I finally decide on and build. 72
Kevin, K7RX

Date: Mon, 15 Jan 2001 02:10:37 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88646] Fun with the SMK-1 in SA
Message-ID: <000b01c07edb\$691e39a0\$998d2a3f@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi guys,

Well I got the dipole set up at the folks house here in San Antonio, and it seems to be working quite well. Funny thing is that of the 3 qso's that I've had this evening, 2 of them were in CA!!!! That's no fun, I can work those guys anytime Hi Hi. Had a couple of 1.5 hour plus qso's though. Lot's of fun! Anyway, It's set up, so if anyone wants to make a sched let me know. I'll be taking it down on Tuesday afternoon to get ready for the flight back to Burbank,CA on Wednesday. Boy this has been a fun and relaxing trip. I need to do this more often! Take care and e-mail me direct if you want to make a sched qso.

73
Trev
KG6CYN

Date: Mon, 15 Jan 2001 05:13:50 -0600 (CST)
From: Andrew Reynolds <calliban@sinnfree.sinnfree.org>
To: Tim Pettibone <k5oi@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88647] Re: Anti Gun & HP &...

Message-ID: <Pine.LNX.4.05.10101150511540.18339-100000@sinnfree.sinnfree.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I could not agree with the following more! Mr. Hewlitt supported causes that some folks here didn't like, that was his *right*. That *in no way* decreases the pioneering electronic work he did, so if you have a beef with his life, stick to what we're talking about here: electronics.

'nuf said.

Later,
Andy
WD9IYT

On Sun, 14 Jan 2001, Tim Pettibone wrote:

> With all due respect to those with differing opinions, what the heck does
> this thread have to do with QRP? We could also debate abortion, tax
> relief, UN, and, I'm sure, lots of other topics. That's not what I thought
> QRP-L was about. Let's get back to our primary thread. For those of you
> that don't agree, you have the right to be WRONG!
>
> Tim K5OI
> Las Cruces, NM
>
>

Date: Mon, 15 Jan 2001 07:07:20 -0500
From: "Tom Bowman" <tbowman@nbn.net>
To: <aanderso@onramp.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88648] RE: Sad
Message-ID: <LPBBKNCCFBPAKMPADLJGECCFFAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NPR did a nice piece on William Hewlett Friday.

Check here:

<http://search.npr.org/cf/cmn/cmnpd01fm.cfm?PrgDate=1%2F12%2F>

2001&PrgID=2

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU
[mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Andy Anderson
Sent: Saturday, January 13, 2001 19:24 PM
To: Low Power Amateur Radio Discussion
Subject: Re:Sad

What is much sadder is that I heard nary a thing in the news
about these two
really great pioneers of the electronics industry.

Date: Mon, 15 Jan 2001 07:22:41 -0500
From: "Tom Bowman" <tbowman@nbn.net>
To: <qrp-1@lehigh.edu>
Subject: [88649] Great Australian kit
Message-ID: <LPBBKNCCFBPAKMPADLJEECDFFAA.tbowman@nbn.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just finished assembling a Dick Smith (Australia) ESR meter
kit. The circuit
measures low resistance - Equivalent Series Resistance - in
electrolytics
to determine which are bad.

This is one of the nicest kits I've built - great
instructions, parts quality, etc.

Check here for North American vendors to save shipping.
<http://www.anatekcorp.com/>

and

<http://www.flippers.com/>

After finishing the kit, I began looking for other
Australian kits, QRP stuff, projects,

that I've missed.

There is a whole world of QRP goodies starting at

<http://www.alphalink.com.au/~parkerp/project.htm>

and

<http://www.alphalink.com.au/~parkerp/qrp-pic.htm>

73,

Tom, WA3REY

Tom Bowman, WA3REY, QRP-125, Mt. Gretna, PA 17064

Date: Mon, 15 Jan 2001 11:56:29 +0000
From: Stewart Bryant <stewart.bryant@virgin.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88650] Re: Small TX loops still amaze!
Message-ID: <3A62E56D.CC05FCD@virgin.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A feed method proposed and demonstrated by Prof Mike Underhill, G3LHZ at the RSGB 2000 HF Convention is to make a long gamma match.

Ground one side of the tuning cap, and connect the outer of the coax feed to this point. Connect a length of ordinary pvc wire to the coax centre, and loosely wrap it round the loop and clip it to the loop with an alligator clip about 3/4 of the way round the loop (ie the mirror image of the place where you would expect for a gamma match. This match is much less critical than the normal gamma match arrangement.

Also note that at QRP powers there is no need for anything special in the way of a capacitor. G4FYY and myself have been working stations in Europe on 20m using a 12 inch diameter loop made from 3/32 dia wire and an ordinary broadcast cap, in the arrangement above. The loops tune 7MHz through 28MHz and we have been running 40W with the loop sitting on top of the rig.

One final note, the assymetry in the loop feed seems to give the antenna a useful front to back ratio.

73

Stewart G3YSX

Date: Mon, 15 Jan 2001 06:05:00 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: David Gilson <kd3em@velocity.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88651] Re: antenna switches
Message-ID: <Pine.LNX.4.31.0101150558540.789-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Think of an antenna tuner with your system. Now put a switch in the cable going to the antenna. You can now switch antenna's. Now put a switch in the cable going to your rig. Now you can have many rigs.

If you dont want an antenna tuner replace it with just a wire.

At QRP power you can use rotory switches from Radio Shack. It will take a lot of coax jacks and connectors! There is where the cost will get high. But it works.

On Mon, 15 Jan 2001, David Gilson wrote:

> Hello everyone.
>
> I'm re doing my shack and I want to make and muli position coax
> switching box so all I have to is select the radio and then select the
> antenna, but thinking about it makes my head spin!, or would it be
> better to make up a patch panel. Does anyone know where I can get
> information on making a switch box and what kind of switch can be
> used?. I have a friend in Maryland who uses house light switch to
> switch between his antennas but he is running 100 + watts.
>
> David Gilson
> QRP ARCI # 8126

>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 15 Jan 2001 08:27:46 -0500
From: Joseph I Pirkle <ad4ih@juno.com>
To: david@theadamsclan.com
Cc: qrp-l@Lehigh.EDU
Subject: [88652] Re: Alinco DX-70T
Message-ID: <20010115.082748.-3672875.1.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Sun, 14 Jan 2001 10:05:15 -0800 David J Adams <david@theadamsclan.com>
writes:

> Anyone have any experience using the Alinco DX-70T? I'm going to
> purchase a smaller mobile rig to act as my base station in my
> overly-crowded apartment. I'm considering this, the patcomm 9000
> and a
> used icom 706 or 706mkII. Any thoughts? The 2m on the icoms will
> not
> be a deciding point.
>
> 73 de dave, n9uxu
>
>

I have been using my Alinco DX70(TH) for about 2 1/2 years and very
satisfied. My only dissatisfaction is the QRP/QRO switching arrangement.
You must remove the cover each time you change. As I am an NTS traffic
handler, I must QRO (sorry...) so I use my monobanders for QRP. I am
considering the RS model DX70(T) for my mobile. BTW, no extra cost for
CW filters! I find the rig to be intuitive in operating. I think I have
lost my manual, as I have not seen it since about a week after I got the
rig (birthday present) and retired the Icom 720A..

Joe Pirkle, AD4IH,
QRP-L #2236, WCF Warbler #2
ad4ih@arrl.net / ad4ih@juno.com

Date: Mon, 15 Jan 2001 07:51:26 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-1@lehigh.edu
Subject: [88653] RCVR: QRP simplicity, back to the basics
Message-ID: <3.0.1.32.20010115075126.0094eda0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My nephew came to me for some help with a school project this weekend. He wanted to know how to build a crystal radio. I guess many of us built them as children and I owe my life long fascination with radio to the fun I had with crystal rigs at a young age.

I guess I told and showed my nephew more than he really wanted to know about the little sets and we got him one working using a diode, but after he left I continued to play around with the ability to pick up radio waves out of the air with hardly anything at all.

While reading some messages on the 80 meter Warbler in the shack, I gathered up a high impedance earphone, some 22 gauge wire, a diode, some pyrite fragments, some aluminum foil, tape, cardboard, a toilet paper roll tube, etc and went to playing. In no time I had the best crystal radio I ever built in my whole life . . . I was proud of myself.

Now I know crystal rigs are simple and not really much of an electronic wonder anymore, but in just a few minutes, using fairly common materials and a bit of natural mineral as a detector, I had constructed a radio receiver that I could tune from around 900 KHz up to about 1800 KHzIt picked up two local AM stations, another couple of AM stations and prize of them all radio Japan. I even heard a local ham on SSB splattering around on the high end of the band spread.

Yeah, I know all the theory about how electromagnetic waves travel, how they are produced and how they are detected, but this is fascinating stuff when you really think about it. Grabbing that tiny bit of electricity out of the air and manipulating it to reproduce the human intelligence it contains, is pretty heady stuff.

Anyway, doing some of the simplest things again, that are a part of our hobby, sometimes lets one again see what fascinating things we are playing with here.

No need for me to have to relate the details of putting together such a receiver, there are many, many articles on-line about building everything

from the simplest to the most complex crystal sets.

Another fascination to me is to think that all these natural phenomenon are as old as the Universe, but look how many million years it took creatures to learn to do something with them.

73,

Richard WA4NWW

Date: Mon, 15 Jan 2001 08:01:04 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [88654] [TMPS] SWLing on 30 and FR5FD Mi/W
Message-ID: <3.0.2.32.20010115080104.007ff990@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

30M QRP-Lers,

Did some SWLing this past weekend around and after grayline time here (EM22cv) and heard the following DX,

Saturday am (1130 to 1305 UTC)

YL2PQ, JA1LZR, OH6MM, SM2ILY, OH5NKY, OH8AAs, DJ2UP, VK3IM

Saturday pm (0030 to 0315 UTC)

T95C, P43JB, FR5FD*, RU1CC, UN6T, VA5MS, 3B8FG

* Worked Pat, FR5FD, at 3 W, about 10,466 miles (grid to grid) for about 3,488 Mi/W. About 10.103 and 559 both ways, QSL on the way Tuesday...

Sunday am

VK3XU, JH1GNU, JH3DJX

Sunday pm

KP4AZ, Y41/KE5WJ

Signals during the time of day I was listening sounded *fluttery*, to use a psuedo-technical term. Antenna was a Butternut HF9V which listened a little better than my W9INN multi-band inv V. Stations were heard between

about 10.102 and 10.108. Not much happening above 10.108 when I was listening.

Thirty meters was very active stateside during the day Saturday and Sunday. Only listened for about an hour Sunday am and not much heard Sunday evening. Propagation died or, the contest ended and folks went off to other bands...

[TMPS-2001] Jan 15th: Qs =3D 1 States =3D 0 Counties =3D 0 DXCC =3D 1 FT-870 at 3 W into a Butternut HF9V Vertical.

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
NETXQRP Club Website =96 <http://www.angelfire.com/tx4/netxqrpclub/>

Date: Mon, 15 Jan 2001 09:07:11 -0500
From: preacher102677@juno.com
To: qrp-l@Lehigh.EDU
Subject: [88655] Whoops! Another MS-15 awaits birth.
Message-ID: <20010115.091055.-93473.3.preacher102677@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sorry Guys, I hit the reply button on the last message, and for some reason, the subject line didn't change a lick. So here is my message with the appropriate subject line.

I sit on the precipice of completion!

A few obstacles still sit in the way, however. First, where on earth can I find a stinkin' female end for the three SIP connectors for the volumue, tuning, and key/phones?!? Radio Shack employees give me blank looks, and one just made some cynical comment about how "the store is changing." I was one in his sentiment! They had a total of about four slots for capacitors, yet rows and rows of cell phones, and isp GARBAGE! Anywho, does "The Shack" have any such beasties, if not, can I bootleg the connection? Also, what are you people putting these things in?
This
is my first transceiver kit (SMT is NEET!!!) , and every other kit I've built had a handy dandy case that went along with it! I'll be using it portable a lot, so small and light is good.

THX in Advance! Sorri I havn't been on the air on 40 like I said, but I've been trying to improve cw (I was rather embarrassed a coupla times),

I have however recently modded my rig to cover part of the gen class band, so sooner or later, you'll hear me calling CQ!

LIC,

G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
DE KG4GVL/AG Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 15 Jan 2001 08:35:28 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@lehigh.edu
Subject: [88656] PSK :Warbler
Message-ID: <3.0.1.32.20010115083528.0094ccf0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Joe Pirkle, AD4IH,
QRP-L #2236, WCF Warbler #2
ad4ih@arrl.net / ad4ih@juno.com

Warbler #2? Who got #1?

I wonder how many Warblers requires, like mine, a resistor in the input audio line to drop the input low enough to not have a high IMD? A 12K resistor puts mine at about the right spot. I'm feeding mine from the earphone connection on my Compac laptop.

I leave the resistor in line while using my PSK-20 also and it seems to be about right for it too. While on the subject of the PSK-20, most stations seem to favor the lower side of the frequency range and that range seems to have a lot less noise . . my rig drops off in output drastically in that part of the range even though my tuner is correctly set for operation there. Are other PSK-20 users experiencing those same conditions or do I have a little something wrong to cause mine to react in such a manner?

73,

Richard WA4NWW

Date: Mon, 15 Jan 2001 08:53:53 -0600
From: "James Parsons" <res075cz@gte.net>
To: <john@neknetwork.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88657] Re: K-1 Mods - switchable bandwidth
Message-ID: <004e01c07f02\$fb28ef80\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The problem is, you can't build it with 150Khz on one band and 80Khz on
> the other. The other problem as I see it is that if the tuning is
> "jerky" with the 80Khz bandwidth, it's probably even worse with the
> wider bandwidth. I don't want the wider bandwidth to be a permanent
> thing.

I am using 80 Khz (actually it comes out to 90 Khz) and I have no "jerky"
feeling at all. My tuning is very smooth. I have K1 SN 299.

Jim, K5ROV
James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 15 Jan 2001 10:01:25 EST
From: K4IA@aol.com
To: john@neknetwork.com
Cc: qrp-1@lehigh.edu
Subject: [88658] Re: K-1 Mods - switchable bandwidth
Message-ID: <6e.6df7f21.27946ac5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Could the tuning "jerkiness" be due to a bad 10-turn Pot? Have you tried
replacing it?

Radio K4IA
Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788

For cheap long distance, 800#s and more
Tune to http://www.ld.net/?bucksavers

4.9 cents/min - no monthly fees

Date: Mon, 15 Jan 2001 10:15:12 -0500
From: John Wagner <john@neknetwork.com>
To: James Parsons <k5rov@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [88659] Re: K-1 Mods - switchable bandwidth
Message-ID: <3A631400.64E9B59B@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just to clarify; The turning of the tuning knob is smooth. The jerkiness I'm describing is the freq seems to jump in uneven increments as the tuning knob is turned. I know I'm not alone in seeing that, I've seen other posts elsewhere that mention it.

Someone has suggested using a felt washer on the tuning pot, I will try that.

73,

John, KB1ENS

James Parsons wrote:

>
> > The problem is, you can't build it with 150Khz on one band and 80Khz on
> > the other. The other problem as I see it is that if the tuning is
> > "jerky" with the 80Khz bandwidth, it's probably even worse with the
> > wider bandwidth. I don't want the wider bandwidth to be a permanent
> > thing.
>
> I am using 80 Khz (actually it comes out to 90 Khz) and I have no "jerky"
> feeling at all. My tuning is very smooth. I have K1 SN 299.
>
> Jim, K5ROV
> James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
> k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
> EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
> DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
> JOHN 3:16

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Mon, 15 Jan 2001 10:21:45 -0500
From: "ZOOM" <kandRparker@sympatico.ca>
To: <bryn@pcpractice.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88660] Re: HeadPhones, What do you use?
Message-ID: <002101c07f06\$df708b00\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kenwood HS-5 excellent comes with two types of ear pads. Bulky not really
for backpacking. I use a set of earbuds for backpacking!

Robert
VE3RPF

----- Original Message -----

From: Bryn Joynes <bryn@pcpractice.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, January 15, 2001 2:00 AM
Subject: HeadPhones, What do you use?

> Hi,
>
> I'm looking to buy some headphones to work CW, and also some SSB
> occasionally. What do others use? I was thinking of the Heil ProSet 5.
>

> Best Regards

>
> Bryn
>

> -----
> Bryn Joynes (N4VM EM65L0) Primary Care Practice, P.C.
> bjoynes@collug.org <http://www.collug.org> ICQ 5656763
> bryn@pcpractice.com <http://www.pcpractice.com>
> ===== "Wellness is a Partnership" =====

Date: Mon, 15 Jan 2001 10:27:55 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88661] Re: "QRP" becomes official California state policy
Message-ID: <00fe01c07f07\$bf3cb7e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Mike Yetsko wrote:
> >
> > The K2!!!
> >
> > Official radio of the state of California!
>
>
> Would that the computers we use were QRP! Well this one does have a
> monitor that shuts off after a selectable period of inactivity!
>
> 73, Phil W7OX

Actually, most now are! But as HAMS we sometimes scrounge and
place into service old stuff that we make do with.

There are various techniques used, from slow clocking to zero clocking
to actually shutting off circuits that aren't used. Power Management
(and a variant Power Budgeting) is it's own field!!

Some machines are simple and 'global' in how they do things. Others
segment the platform and shut down or otherwise cut back peices
of the platform, depending on activity and how aggressive they are
programmed.

I did a lot of that with PCMCIA cards, and sometimes the power
management is more extensive than the ENTIRE rest of the drivers
for some hardware.

Mike

Date: Mon, 15 Jan 2001 10:32:05 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88662] FOX: Cub Fox - Monday Jan 15 - final notice

Message-ID: <3A6317F5.E8078EBE@neknetwork.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Final notice (with minor changes on the exchange);

Hello Ye Ol' Hounds!

The deep snow and frigid cold in Northern Vermont will not keep this Cub Fox from making his second run of the winter season. I will be setting up around 7.141+- and listening HIGH up to 2Khz. Setup here will be an Icom 746 at 5w. I will switch between the loop antenna and Vertical (all wire) in an attempt to work more hounds.

Date: Today! (1/15/2001 US / 1/16/2001 ZULU)

Time: 2100 Eastern (0200Z)

Place: 7.141+- listening high

My exchange will be: BK HOUNDCALL 559 VT JOHN 5W HOUNDCALL BK

HOUNDCALL is the call sign of the hound I'm working. If you think you hear your call during my exchange, but are not sure - do not transmit your exchange. Wait and I will send: HOUNDCALL? BK - then go ahead and transmit. I will do this twice if I can't hear the hound return. After two times I'll solicit more hounds.

Your exchange (as a hound) should be: BK de YOURCALL RST SPC NAME PWR BK

Please do not transmit on my frequency and please only send your call once. If I can't pick out a call the first time, I will send "?" or a partial and a ?. Be listening, that partial might be you! ;)

During my first run I handed out a bunch of "first pelts" and worked a number of folks who haven't been active on CW recently. It was a great feeling. The Cub Fox hunt is a fantastic way for folks get back into CW operating - the exchange is known before hand and the speed is slow. Jump on in hounds, get a pelt!!!

I see no cub fox has yet to break 50 hounds - that is my goal! My sending speed will be 10WPM - you may send faster, I can copy just a hair over 20. Most hunts have dribbled off in the second hour - please keep trying, I do listen for weak sigs!

If you need VT for QRP/WAS - this is your chance! I've recently worked AZ and CA on 40m QRP, so come on out and take a shot tomorrow. Remember to have fun!

73,

John, KB1ENS
Holland, VT

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Personal Web page: <http://www.together.net/~jwag>

Date: Mon, 15 Jan 2001 09:42:09 -0600
From: w0av@juno.com
To: qrp-1@lehigh.edu
Subject: [88663] Re. WEN Soldering Gun (Non-QRP)
Message-ID: <20010115.094209.-281407.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Soldering Gurus,

My old and faithful WEN 250W soldering gun finally gave out after only 50 years of service.

I had to replace the case, switch, case and of course the tips, as one might expect, after carrying it in my service kit for all those years.

Now, I want to find a replacement. I've tried the various Weller guns, and they don't deliver the spot heat the way the WEN did, no matter what tips I use.

Nope, I'm not going to solder SMD's with a 250W soldering gun.

Anyone have a good old WEN gun in their junque?

Sorry for the bandwidth.

72/73/74 de George/W0AV
SOC#101

Date: Mon, 15 Jan 2001 10:55:16 -0500
From: "Brian" <brian@iquest.net>
To: <prm@hiwaay.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88664] Re: QRP simplicity, back to the basics
Message-ID: <000901c07f0b\$8dab1060\$2305080a@cincom.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard,

If you're an ARRL member, check this article out.

<http://www.arrl.org/members-only/extra/features/2001/01/09/1/>

He made a bet that he could build a receiver from junk he found laying around outside and in the gutter.

Very interesting!

72

----- Original Message -----

From: "Richard Matthews" <prm@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 15, 2001 8:51 AM
Subject: RCVR: QRP simplicity, back to the basics

>
> My nephew came to me for some help with a school project this weekend. He
> wanted to know how to build a crystal radio. I guess many of us built them
> as children and I owe my life long fascination with radio to the fun I had
> with crystal rigs at a young age.
>
> I guess I told and showed my nephew more than he really wanted to know
> about the little sets and we got him one working using a diode, but after
> he left I continued to play around with the ability to pick up radio waves
> out of the air with hardly anything at all.
>
> While reading some messages on the 80 meter Warbler in the shack, I
> gathered up a high impedance earphone, some 22 gauge wire, a diode, some
> pyrite fragments, some aluminum foil, tape, cardboard, a toilet paper
roll
> tube, etc and went to playing. In no time I had the best crystal radio I
> ever built in my whole life . . . I was proud of myself.
>
> Now I know crystal rigs are simple and not really much of an electronic
> wonder anymore, but in just a few minutes, using fairly common materials
> and a bit of natural mineral as a detector, I had constructed a radio
> receiver that I could tune from around 900 KHz up to about 1800 KHz . . .

> .It picked up two local AM stations, another couple of AM stations and
> prize of them all radio Japan. I even heard a local ham on SSB splattering
> around on the high end of the band spread.
>
> Yeah, I know all the theory about how electromagnetic waves travel, how
> they are produced and how they are detected, but this is fascinating stuff
> when you really think about it. Grabbing that tiny bit of electricity out
> of the air and manipulating it to reproduce the human intelligence it
> contains, is pretty heady stuff.
>
> Anyway, doing some of the simplest things again, that are a part of our
> hobby, sometimes lets one again see what fascinating things we are playing
> with here.
>
> No need for me to have to relate the details of putting together such a
> receiver, there are many, many articles on-line about building everything
> from the simplest to the most complex crystal sets.
>
> Another fascination to me is to think that all these natural phenomenon
are
> as old as the Universe, but look how many million years it took creatures
> to learn to do something with them.
>
> 73,
>
> Richard WA4NWW
>

Date: Mon, 15 Jan 2001 10:57:16 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: nilsbull@juno.com, qrp-1@Lehigh.EDU
Subject: [88665] Yep, QRP for sure . . . Re: RTTY/RATT & what I figure is QRP
Message-ID: <20010115.105818.-135319.2.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

> what that pipe soundin' kinda
>giggle toned thingie is . . .

Not a >piccolo< . . .

Tell GOOGLE . . .
>stream< and / or >IZ8BLY< (>iz8bly<)

MFSK it is a B L A S T too !

John
N3AAZ
FM 19 xa

Date: Mon, 15 Jan 2001 11:33:49 EST
From: MertNellis@aol.com
To: qrp-1@lehigh.edu
Subject: [88666] Re: antenna switches
Message-ID: <a7.ad1a4e5.2794806d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

George wrote:
<MFJ makes some very good coax switches that will solve your
<problem.

<72/73, George W5YR

Yes, the best one that I use is an MFJ.
But, most importantly regardless of make, is to have good isolation to unused
poles. Be sure that the unused poles are shorted to ground so that when
powering one coax there is no serious power being applied to the unused lines
especially if those lines have receiver inputs connected. 72 Mert
W0UFO MNQRP

Date: Mon, 15 Jan 2001 08:46:37 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [88667] "4017" and SMK-1
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F4309980112@blaze.bcsbc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Will this new 40 to 17 transverter kit work with the SMK-1?

Doug VA7DD

MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Mon, 15 Jan 2001 11:48:13 EST
From: RangerSF5@aol.com
To: antennas@qth.net, qrp-L@lehigh.edu
Subject: [88668] antenna/tuner /RF on feed line questions
Message-ID: <f5.6898739.279483cd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I'll be getting a matching tuner for my 901 DM soon.
It's been many years since I had a tuner.
My question is.
If the antenna is non resonate, my tuner is only making the TX happy by
providing a 50 ohm load for it.
Since the antenna is non resonate will I still have the RF running down the
braid?
I'm also running top quality 75 ohm CATV coax since I get it free.
Should I use some sort of choke balun (\$49.95) or wind one from coax?
Any suggestions greatly appreciated
Thanks
Bob
WA2HOQrp <tm>

Date: Mon, 15 Jan 2001 11:51:47 EST
From: K4IA@aol.com
To: john@neknetwork.com
Cc: qrp-l@lehigh.edu
Subject: [88669] Re: K-1 Mods - switchable bandwidth
Message-ID: <40.6132037.279484a3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

What I was suggesting is perhaps the Pot itself is not linear. Either the
composition of the resistance in the Pot is not exact or the slider isn't
making good contact. If the resistance is not linear, you would see a jump
at the same frequency each time. If the slider isn't making good contact,
the jumps would be random. Could be a bad bunch of Pots or maybe just a
characteristic of the ones as manufactured.

They ain't cheap - Rat Shack sells a 100K 10 turn Pot for \$18.99. No guarantee it would be better but they do take them back if it doesn't work.

Radio K4IA
Craig Buck
Fredericksburg, Virginia USA
QRP ARCI #2550 FISTS #6702 CC 788

For cheap long distance, 800#s and more
Tune to http://www.ld.net/?bucksavers

4.9 cents/min - no monthly fees

Date: Mon, 15 Jan 2001 11:53:17 EST
From: RangerSF5@aol.com
To: yaesu@qth.net, fox_tango@qth.net, qrp-L@lehigh.edu
Subject: [88670] Need FT price info
Message-ID: <2f.f9bcf3a.279484fd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
Can anyone tell me what a fair price would be for the following used items.
1 Matching remote VFO for a FT 901 DM.
2. A external tuner for a Yeasu FT 757 GX II
Thanks
Bob
WA2HQrp <tm>

Date: Mon, 15 Jan 2001 09:02:29 -0800
From: "Dave Fifield" <ad6a@earthlink.net>
To: <john@neknetwork.com>, <qrp-l@lehigh.edu>
Subject: [88671] Re: K-1 Mods - switchable bandwidth
Message-ID: <002801c07f14\$f34913a0\$0600a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That's because the pot is actually wirewound as all 10t pots that I have ever come across are. The contact on the wirewound track "jumps" from one turn to the next as you tune the rig. The net result is small, but

discernable, jumps in frequency as you tune. The more KHz per turn you set the rig to, the bigger the small jumps in frequency will be. 8KHz per turn was found by me, when doing the NC20 design work, to be about the most you could go to and remain ergonomic.

Cheers es 72,
Dave Fifield, AD6A

> Just to clarify; The turning of the tuning knob is smooth. The jerkiness
> I'm describing is the freq seems to jump in uneven increments as the
> tuning knob is turned. I know I'm not alone in seeing that, I've seen
> other posts elsewhere that mention it.
>
> Someone has suggested using a felt washer on the tuning pot, I will try
> that.
>
> 73,
>
> John, KB1ENS

Date: Mon, 15 Jan 2001 12:28:07 -0500
From: "George Heron" <n2apb@erols.com>
To: <Doug.Davies@gems3.gov.bc.ca>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [88672] Re: "4017" and SMK-1
Message-ID: <007f01c07f18\$8dd8c430\$fbeefea9@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, the SMK-1 should be a dandy little driving transceiver for the 4017 Transverter. It would be perhaps a little limiting with its small tuning range ... 7.032-7.040 in stock condition translating to 18.032-18.040 on 17m. Additionally, you'd miss the QRP calling frequency of 18.069 (or is it 18.096?), but it would still be quite usable.

One could conceivably put it into the same enclosure that is selected for the 4017, making a dedicated 17m rig. (Might limit ultimate frequency coverage on 17m that one could get with a wider-tuning 40m transceiver, but certainly do-able.)

Heck, one could also build one of the NorCal BLT tuners into tthat same enclosure as well. And if the various mods are done to the SMK-1 (keyer,

superhet, expanded tuning range, et al), it would make it a truly self-contained and portable rig.

73, George N2APB

=====

> Will this new 40 to 17 transverter kit work with the SMK-1?

Date: Mon, 15 Jan 2001 11:15:22 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [88673] Contest: QRPDUPE Newest Version
Message-ID: <3A633E3A.F9CB2543@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

The latest version of QRPDUPE has been uploaded to my WEB site at:
<http://www.dancris.com/~bkassel/index.htm#top>

Proper scoring for NAQP CW and SSB, and selectable automatic CQ calling are now implemented. The space between CQ's is user definable from 2 to 30 seconds. The ESCAPE key kills it. This feature is great when looking for those 10M QSO's, if this option is not abused.;

Brian K7RE

Date: Mon, 15 Jan 2001 11:30:37 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [88674] Contest: Doghouse Sprint Award
Message-ID: <3A6341CD.7C09E28A@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

I just wanted to publicly thank the New Jersey QRP Club for the very nice first place certificate that I was lucky enough to receive for their Doghouse Sprint contest.

Thanks guys! Hopefully we can all get together again for the next one, and increase the activity level even more. Thanks to all who participated.

Brian K7RE

Date: Mon, 15 Jan 2001 12:55:49 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [88675] RE: ARRL Handbook Sale?
Message-ID: <3A6339A4.F3AE7A0D@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

Rechecked the sales receipt the local B&N here just scanned the ISBN number 0872591867 and came up with the \$32 price minus 50% discount. There was no indication that it was on sale when I picked it up (hence my surprise).

The local store here is S02761 in B&N code. Don't know if this would apply to all B&N's so your mileage may vary.

73

Ken KG4FGC

Date: Mon, 15 Jan 2001 18:07:49
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-1@lehigh.edu>
Cc: "Tim Sprouse" <n4cnu@home.com>
Subject: [88676] Fwd: RadioKit 1/08/2001 Debug Deja Vu - 5
Message-ID: <200101151809.MAA84184@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Gang:

This really is "Deja Vu all over again"!!

Sometimes I wonder how novice builders ever get anything going without an Elmer around....

Here is Tim's latest Saga...More problems...Some success...

Larry KA5T

=====BEGIN FORWARDED MESSAGE=====

>From: "Tim Sprouse" <n4cnu@home.com>
>Subject: RadioKit 1/08/2001
>Date: Mon, 15 Jan 2001 11:39:37 -0500
>

January 8, 2001

>From Tim Sprouse

I finally made a test jig from my Wife's donated rubber maid storage container. The thing measures 8.5" x 8.5". Now every thing's mounted and secure. While mounting the rig in the test jig, I pressed too hard in the wrong place and broke a lead on L2. I counted the windings and found them at 34 instead of 39, decided to rewind and resolder. Checked Y6 at U3 and the oscillator is still not running. I found a green corrosion on CE so I removed it and checked with my LCR meter. It's open, no surprise here. I removed the trimmer from L4 and replaced it with that one. I'll deal with that area later. Still not oscillating! At this point, I think I should say something about removing components from circuits and testing them. Over the years I've found this not to be a good practice. Some times when you remove a component, the heat from the soldering iron will heal the component and it will check good. You will then reinstall it and the circuit will work just fine, leaving you with a mystery. This is especially true of capacitors and transistors. We use to have an expression to describe this phenomenon, we would say that it (popped on), and sure enough, a week or two later the radio would come back into the shop with the same symptoms. So with that said, it is a good practice to test the circuit with the component installed and only remove it for testing as a last resort. In this particular case, the component had damage that was visible, and that's all I have to say about that.

I see in the paper work provided by Larry, a new and improved transmit and receive crystal oscillator circuit. Could it be the old circuit design came up a little short. I must say, when I first looked at this crystal oscillator design, not being an engineer, I was a little baffled at how it was going to function. I think I have my answer. I performed the modification as described and low and behold, it works. While I'm at it I'll

do the same for Y1. I could not mount L5 on top of the PCB without the leads touching Y6's case, so I mounted it on the bottom. This just gets funner and funner all the time. The Modification on Y1 went just as advertised with all components on top of the PCB. Y1 now oscillates with key down (whoopie). Reinstalled a trimmer cap at the L4 position. I also found a .001MF cap at the gate of the MPF102 transmitter buffer FET. Replace with a 12PF. Will it never end? Well it's time to go and chew on some more Roloids. Tim

=====END FORWARDED MESSAGE=====

Date: Mon, 15 Jan 2001 12:24:38 -0600
From: "Larry Gaalaas" <lgaalaas@qwest.net>
To: bryn@pcpractice.com, " Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88677] Re: HeadPhones, What do you use?
Message-ID: <006a01c07f20\$6b73b500\$03000000a@larry>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Love my Heil headphones!

----- Original Message -----

From: "Bryn Joynes" <bryn@pcpractice.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Monday, January 15, 2001 1:00 AM
Subject: HeadPhones, What do you use?

> Hi,
>
> I'm looking to buy some headphones to work CW, and also some SSB
> occasionally. What do others use? I was thinking of the Heil ProSet 5.
>
> Best Regards
>
> Bryn
>
> -----
> Bryn Joynes (N4VM EM65L0) Primary Care Practice, P.C.
> bjoynes@collug.org http://www.collug.org ICQ 5656763
> bryn@pcpractice.com http://www.pcpractice.com
> ===== "Wellness is a Partnership" =====

>

Date: Mon, 15 Jan 2001 10:38:54 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: john@neknetwork.com
Cc: QRP-L <qrp-l@lehigh.edu>, Elecraft mail list <elecraft@qth.net>
Subject: [88678] Re: K-1 Mods - switchable bandwidth
Message-ID: <3A6343BE.FEA60A4E@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi John,

There should be no irregular jumps in the K1 tuning range set at 80 kHz with the 10 turn pot. We will send you a new pot immediately.

Another way to get more bandwidth while retaining a smaller turning range of 80 kHz or less is to switch in an additional amount of capacitance across the VFO tank circuit (from the gate of Q8 to ground) to shift the range. Remove some turns from L1 to shift the tuning range to the upper frequencies with the additional capacitance out and then chose the appropriate capacitance to switch in to move it to the lower range.

This was a fairly common mod on the NorCal40 and similar rigs. Make sure to use NP0 or C0G capacitors to maintain stability.

73, Eric

--

<http://www.elecraft.com>

Date: Mon, 15 Jan 2001 10:42:52 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [88679] Re: "4017" and SMK-1
Message-ID: <20010115104252.C1347@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Mon, Jan 15, 2001 at 12:28:07PM -0500, George Heron wrote:

> Yes, the SMK-1 should be a dandy little driving transceiver for the 4017

> Transverter. It would be perhaps a little limiting with its small tuning
> range ... 7.032-7.040 in stock condition translating to 18.032-18.040 on
> 17m. Additionally, you'd miss the QRP calling frequency of 18.069 (or is it
> 18.096?), but it would still be quite usable.

Yes, except for the fact that the band is only from 18.068-18.168. It
would definitely take a crystal change to the SMK-1.

72,
Bob N7XY

Date: Mon, 15 Jan 2001 12:43:41 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "CoARES" <coares-
d10@qth.net>, "ncarc-l" <ncarc@qth.net>
Subject: [88680] RFI: Yaesu VX-5000
Message-ID: <0E40gZMH0bBoYm3YvmR00001372@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anybody had a chance to evaluate this wide-band RX.

Some interesting feature for ham use:

- o Real-Time Spectrum Display
- o World Clocks
- o Audio Wave Meter (psk31 and other signal quality monitoring maybe)
- o Small/Portable size.
- o PC controllable
- o Lot's of scan modes
- o Dual RX (interesting possibility for beacon monitoring across
bands)
- o Scanning, Dual RX maybe useful for ARES deployment to keep
track of action on various different Freq. UUF/VHF/HF

Thought and comments?

73, Rod N0RC
Ft Collins CO

Date: Mon, 15 Jan 2001 15:01:57 -0500
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [88681] FOX: FoxHunt #24, W8RU Final Log
Message-ID: <3A635735.D18156FC@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all-

Here is my final log in all its glory.

Thanks again for the fun evening and all the QSOs.

72/3,

Ron (W8RU).

0201 KL7IXE/7 579 MIKE WA 5W
0202 W5YR 559 GEORGE TX 5W
0203 WE6W 559 ED CA 5W
0203 N5TW 599 TOM TX 5W
0204 W0UFO 559 MERT MN 5W
0205 N5ET 559 BOB TX 5W
0205 N0UR 599 JIM MN 5W
0206 K0EVZ 579 DOC ND 5W
0207 W2APF 559 THAIRE MA 5W
0208 N4ROA 599 DAN VA 5W
0208 KC5RPF 599 KEN TX 5W
0209 K9IUA 559 KEVIN ND 5W
0210 NV4V 559 PETE KY 5W
0211 AF4PS 589 MAC FL 4W
0211 N1LN 579 BRUCE TX 5W
0212 K0MP 559 BILL CO 5W
0213 K5ZTY 559 BILL TX 5W
0214 W0PWE 599 JERRY IA 5W
0215 KK5LD 559 DAN TX 5W
0216 W5HNS 559 HENRY TX 5W
0216 K4BYF 559 JACK FL 5W

0217	N2CQ	559	KEN	NJ	5W
0218	VE5RC	559	BRUCE	SK	5W
0219	NQ7X	559	FLOYD	AZ	5W
0220	N0DSP	559	TOM	CO	5W
0220	K4GT	559	JIM	GA	5W
0221	W8SFF	559	STEVE	MI	5W
0223	VA6RF	559	EARL	AB	5W
0223	NK7M	559	BOB	AZ	5W
0224	K5DI	559	KARL	NM	5W
0225	WA50JE	559	DANNY	TX	5W
0226	W5SB	559	BILL	TX	5W
0226	N5IW	559	DAVE	TX	5W
0227	K5LN	559	BILL	TX	5W
0228	K5VUU	559	ED	TX	5W
0229	N1FN	559	ET	CO	5W
0229	KQ5U	559	TERRY	TX	5W
0230	W0CH	579	DAVE	MO	5W
0231	K5AAR	559	DON	OK	5W
0231	N5UW	559	CLIF	OK	5W
0232	WR50	559	DAVE	TX	5W
0233	W5USJ	559	CHUCK	TX	3W
0234	N5ZE	559	LEW	TX	5W
0234	NK6A	559	DON	CA	5W
0236	WS4S	559	CONARD	TN	5W
0236	AC5JH	559	TOM	OK	5W
0237	W5NC	559	ZED	TX	5W
0238	K6VNX	559	ARLEN	CA	5W
0239	AA7XA	559	FRANK	OR	5W
0240	KC1FB	559	JIM	CT	5W
0240	K4FB	559	PAUL	FL	5W
0241	AF4LQ	579	MIKE	KY	5W
0242	W0JOE	559	JOE	MO	5W
0242	K5DW	559	DON	TX	5W
0245	N1TP	559	TOM	FL	5W
0245	W2XN	579	FRED	FL	5W
0248	K5JS	559	JOHN	LA	2W
0249	KD7GTI	559	DOUG	WA	5W
0250	N2WF	559	BILL	NJ	5W
0250	W5TB	559	DOC	TX	5W
0251	K5JHP	559	BILL	TX	5W
0253	AA7EQ	559	BOB	AZ	5W
0254	KD7CTF	559	LEE	OR	5W
0255	N6WG	559	BOB	CA	5W
0256	K7FD	559	JOHN	OR	5W
0258	N5WL	559	BILL	OK	5W
0258	AB8DF	559	ED	MI	5W
0259	N5GLQ	589	MIKE	LA	5W
0300	AF4PP	559	CHUCK	GA	3W

0301	K4TJD	559	TOM	GA	5W
0304	K8CV	559	WALT	MI	5W
0305	KI0II	549	RON	CO	5W
0305	K5EOA	579	WAYNE	LA	5W
0307	KJ0C	559	JIM	MO	5W
0308	W4NJK	559	CHARLIE	CA	5W
0310	WB7AEI	569	PHIL	WA	4W
0313	AE6TT	559	ALLAN	CA	100W
0316	N10DL	449	ARON	NH	4W
0317	N7CQR	559	DAN	OR	5W
0319	K1ZW	559	LARRY	TX	5W
0321	NQ7K	559	MIKE	AZ	5W
0322	K4BB	579	KEN	KY	1W
0325	N5IB	559	JIM	LA	5W
0329	K50I	559	TIM	NM	5W
0332	AB0CD	559	DICK	CO	5W
0337	AK1P	449	PAUL	CA	5W
0338	W6ABC	559	JACK	CA	5W
0349	N7GS	559	MAL	MT	5W
0350	N4SO	599	KEN	AL	5W
0356	N9AW	559	JERRY	WI	5W
0358	K0YWD	559	SKIP	MT	5W
0000	W8RU	FOX	RON	MI	5W

Date: Mon, 15 Jan 2001 15:01:19 -0500
 From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
 To: QRP News group <qrp-l@Lehigh.EDU>
 Cc: "Doyle Ron (Home) (E-mail)" <n8var@arrl.net>
 Subject: [88682] Truffle Hunt Tuesday January 16
 Message-ID: <51643DBAD36BD411851300E0292658670213E9A8@SUSDAYTE53>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"

For those that have to root around in the dirt this is the time.:)

I will be the Truffle for Tuesday night (US). I will start at 8:30pm and run for 30 minutes until 9:00pm. The frequency will be 7.043 +- qrm. Maybe even 7.046 but will try 7.043 first.

The calling sequence will be

cq cq fp de n8var k

You will need to respond with your call of course an I will send the my exchange and your call.

The exchange will be simalar to the famous fox hunts.

st, name, power/flying pings number
oh, ron, 5w, your call.

Once I have your info I will send:

TU, FP qrz or tu, cq cq fp de n8var k

I may or may not be listening on my frequency so be sharp. If I am not listening on my frequency I will probably be listening about 500hz up. In the past this has not been necessary but please listen.

Conditions here in OH have been pretty tough so you will need to be sharp. Get those filters tuned up to block out the BC, I will have mine as narrow as I can get it.

So, Good Luck to all and happy truffling!

73 de Ron, N8VAR

Date: Mon, 15 Jan 2001 20:03:15 -0000
From: "Mike Swift" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88683] WTB: Ten-Tec Model 276 crystal calibrator
Message-ID: <009301c07f2e\$32a0dc40\$880bbc3e@uksolsf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all

I'm looking to buy a Ten-Tec Model 256 Crystal Calibrator to match my Century 21 and 670 keyer. Would prefer something in good condition cosmetically, preferably in working order, but would consider non-working for repair.

Your price paid, including shipping to UK. I will happily send payment in advance by whichever means is most convenient to you.

Please contact me by e-mail if you have one of these units you'd be prepared to sell.

Thanks & 73

Mike
M0CQG

Date: Mon, 15 Jan 2001 13:15:46 -0700
From: "Steve/n0tu" <n0tu@webaccess.net>
To: "QRP-L" <QRP-L@lehigh.edu>, <brian@iquest.net>
Subject: [88684] Re: QRP simplicity, back to the basics
Message-ID: <010101c07f2f\$f30d4ee0\$6a211d82@sg2939h.col.hp.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>He made a bet that he could build a receiver from junk he found laying
>around outside and in the gutter.

>

Kinda reminds me of when my fly fishing buddy would challenge me to "who can catch the first fish with one tiny bare hook" ...You had to create your own fly using ONLY what you found stream side (or around the lake). AND you could use ur own hair and colthing, etc.! Getting dressed to go fishing required some fore thought(where's my old cap w/feathers?) Somehow I always managed to buy his brew and dinner though! But then, this fishing buddy was my guru on fly fishing - worth lots of dinners!

Steve/n0tu

-----Original Message-----

From: Brian <brian@iquest.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, January 15, 2001 9:06 AM
Subject: Re: QRP simplicity, back to the basics

>Richard,

>

>If you're an ARRL member, check this article out.

>

><http://www.arrl.org/members-only/extra/features/2001/01/09/1/>

>

>He made a bet that he could build a receiver from junk he found laying
>around outside and in the gutter.

>

>Very interesting!

>

>72

>

>

>----- Original Message -----

>From: "Richard Matthews" <prm@hiwaay.net>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Monday, January 15, 2001 8:51 AM

>Subject: RCVR: QRP simplicity, back to the basics

>

>

>>

>> My nephew came to me for some help with a school project this weekend. He
>> wanted to know how to build a crystal radio. I guess many of us built
them

>> as children and I owe my life long fascination with radio to the fun I
had

>> with crystal rigs at a young age.

>>

>> I guess I told and showed my nephew more than he really wanted to know
>> about the little sets and we got him one working using a diode, but after
>> he left I continued to play around with the ability to pick up radio
waves

>> out of the air with hardly anything at all.

>>

>> While reading some messages on the 80 meter Warbler in the shack, I
>> gathered up a high impedance earphone, some 22 gauge wire, a diode, some
>> pyrite fragments, some aluminum foil, tape, cardboard, a toilet paper
>roll

>> tube, etc and went to playing. In no time I had the best crystal radio I
>> ever built in my whole life . . .I was proud of myself.

>>

>> Now I know crystal rigs are simple and not really much of an electronic
>> wonder anymore, but in just a few minutes, using fairly common materials
>> and a bit of natural mineral as a detector, I had constructed a radio
>> receiver that I could tune from around 900 KHz up to about 1800 KHz . . .
>> .It picked up two local AM stations, another couple of AM stations and
>> prize of them all radio Japan. I even heard a local ham on SSB
splattering

>> around on the high end of the band spread.

>>

>> Yeah, I know all the theory about how electromagnetic waves travel, how
>> they are produced and how they are detected, but this is fascinating
stuff

>> when you really think about it. Grabbing that tiny bit of electricity out
>> of the air and manipulating it to reproduce the human intelligence it
>> contains, is pretty heady stuff.

>>
>> Anyway, doing some of the simplest things again, that are a part of our
>> hobby, sometimes lets one again see what fascinating things we are
playing
>> with here.
>>
>> No need for me to have to relate the details of putting together such a
>> receiver, there are many, many articles on-line about building everything
>> from the simplest to the most complex crystal sets.
>>
>> Another fascination to me is to think that all these natural phenomenon
>are
>> as old as the Universe, but look how many million years it took creatures
>> to learn to do something with them.
>>
>> 73,
>>
>> Richard WA4NWW
>>
>
>

Date: Mon, 15 Jan 2001 13:36:45 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [88685] Yaesu VR-5000 was Re: Yaesu VX-5000
Message-ID: <0E57JS84PbEDV6fq9kb00002fe2@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Haste makes waste...

----- Original Message -----

From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, January 15, 2001 12:43 PM
Subject: RFI: Yaesu VX-5000

^^
VR

...

> o Scanning, Dual RX maybe useful for ARES deployment to keep
> track of action on various different Freq. UUF/VHF/HF

^^^
UHF

Date: Mon, 15 Jan 2001 15:48:18 -0500
From: John.Meade@smsc.com
To: qrp-1@Lehigh.EDU
Subject: [88686] Headphones and Hiss/Hum reduction
Message-ID: <852569D5.007235B3.00@mta.smc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Bryn,

With headphones, I also use an outboard passive audio filter using those 88mH toroids made famous from Ed W3NQN's published circuits (in the handbook, QST , and QEX). There is no hiss or hum with this L/C audio filter in the line and copy is very clean.

Right now I am using a pair of Jensen headphones that were free (with rebate) from Office Max.
They are very sensitive.

72,

John W2XS

Date: Mon, 15 Jan 2001 16:22:34 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: Doug.Davies@gems3.gov.bc.ca
Cc: qrp-1@lehigh.edu
Subject: [88687] Re: "4017" and SMK-1
Message-ID: <5.0.0.25.1.20010115161531.009e74f0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:46 AM 1/15/01 -0800, you wrote:
>Will this new 40 to 17 transverter kit work with the SMK-1?
>

>Doug VA7DD
>
>MailTo:Doug.Davies@gems3.gov.bc.ca

Doug,

An SMK-1 would indeed drive the transverter up to some power level higher than the output of the stock SMK-1, but I don't know how much power that rig puts out. As for getting the transverter on the correct frequencies, I would probably opt for changing the two transverter crystals to 11.059 MHz units, instead of the stock 11.000 MHz units and add a bit of inductance in series with the crystals to bring them back down in frequency some. That should put you into the center of the CW band on 17, but the tuning indications won't be nice as it is with the 11.000 MHz crystals. Gotta give up something here though to make it work with a limited frequency range exciter.

72 and GL,

Jim, K8IQY

Date: Mon, 15 Jan 2001 15:45:42 -0600
From: "Jim Gelbort" <jamesgelbort@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [88688] PalmPilot & QRP Enthusiasts
Message-ID: <00a901c07f3c\$8366eda0\$6500a8c0@rob>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fellow practitioners of electronic minimalism,

I am currently prototyping a Palm OS handheld logging application. Should be perfect for mobile and QRP ops or anytime your primary log is unavailable, i.e. at hamfests, backpacking, etc. With all the diverse expertise found on qrp-l, I hope to receive tons of feedback regarding the proposed user interface and feature set from interested members of this group.

If you actively use a Palm device (synchronized to a Windows computer) and would be willing to provide constructive criticism, please reply off-list.

Let me know what model Palm (or Visor, etc.) you have, how many third-party applications you may have loaded into it, and what logging program(s) you use on your primary computer. I will ultimately try to include anyone who expresses interest, but can realistically support a limited number of beta testers initially. Please email your comments, suggestions, or questions directly to me.

The activity on this list is overwhelming, so thanks for taking the time to read this post.

72/73,

Jim Gelbort - N9WW

Date: Mon, 15 Jan 2001 13:53:03 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [88689] Loop Antenna Question..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B7693A@hq-expo2.filenet.com>

Under the heading of "Too Lazy to Read all of my Antenna Books" comes this question for the group mind:

In a fit of uncharacteristic energy, I strung up an antenna in the rafters of my garage. It was ostensibly for receiving but I got to thinking after reading some of the posts on the small transmitting loops. The antenna is approximately a horizontal square about 12 feet off the ground approximately 16 feet on a side and fed at the midpoint of one side (as opposed to fed at the corner). As it now stands, it is a folded dipole with the ends approximately one foot from each other at the midpoint of the side opposite of that being fed. It appears to be resonant at approximately 8.5 MHz although I cannot get a 1:1 SWR at that point.

Given all of this information, mightn't I optimize the performance if I made a loop out of it? I should think that would warm the clouds directly over my head, etc. but I wanted to throw this out to see what others might suggest doing with such a setup.

All contributions gratefully accepted and I promise to follow up with any technical research necessary.

Thanks.

W. H. Phinizy, K6WHP

Principal Engineer
FileNET Corporation

Date: Mon, 15 Jan 2001 16:58:01 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Subject: [88690] FOX Kf4ar preliminary log
Message-ID: <200101151658_MC2-C1CF-474E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Below is the preliminary log for Rick Da FOX KF4AR's recent outing. Hope=

it comes through to you okay.

>>Hello Hounds,

My thanks to Doc, K0EVZ, for forwarding this to preliminary log the list
and
also to Marshall, N1FN, for his offer to forward it. I can read my work
email where I'm subscribed to qrp-l but can't use the outgoing SMTP serve=
r
while off campus. My home account is kf4ar@earthlink.net.

Thursday night was quite an experience. I knew it would be different fro=
m
most hunts when my first pelts went to SD, AB, and ND. If not for Tom,
N1TP, Florida would've been shut out, that would've been a first. I thin=
k
I
only handed out 3 pelts east of the Mississippi. None of the hounds tha=
t
I
usually run with were even heard. I'm usually running with N4ROA, AJ4AY,=
the Flying Pigs, AF4PS, I didn't hear any of them although I saw where th=
ey
could hear me. Very strange indeed!

At around 0321 I did go out and check my antennas and even checked the ba=

ck
of the K2 to see if they had pulled loose somehow. Suddenly all signals
just disappeared. I even did a quick check with another receiver to see =
if
the K2 had died. It was eerily quiet for about 5 minutes and then some
signals began to rise above the noise. I hated to be the one to ruin som=
e
perfect records, but propagation is certainly part of the hunt.

My sincere thanks to all the hounds I worked and all that hung in there a=
nd
kept trying. It's frustrating, I know. I've been banging away myself at=
0400 without a pelt.

It was a nice surprise to work so many of the west coast guys. It's good=
to
see Ed, WE6W, back on qrp-1 and my pleasure to hand him a pelt among
several
others in CA, OR, AZ and ID. That was great. I was also suprised to hea=
r
some 1W signals and Doc's Norcal 40A at 2W was at this usual strong level=
.
Ade, Doc and Earl, VA6RF, have some sweet RF spots.

I've left out a pelt or 2 in the log for hounds that I didn't hear comeba=
ck
to my request for a repeat. These were for signal reports and power
levels.
If you were left off and think you got a pelt, send me the info. If it
matches, I'll add you to the final log. I have the calls and names OK,
just
small details. =

Thanks for enduring my sending errors <g>, and the miserable condx.

72,
Rick kf4ar =

Time	Call	RST	SPC	Name	Power
0202	W0RSP	559	SD	ADE	2W
0206	VA6RF	559	AB	EARL	5W
0208	K0EZV	559	ND	DOC	2W
0209	K5EOA	559	LA	WAYNE	5W
0212	W0CH	559	MO	DAVE	5W

0213	N5TW	559	TX	TOM	5W
0214	N5ET	559	TX	BOB	5W
0215	KR5C	559	TX	GEORGE	5W
0216	NQ7X	559	AZ	FLOYD	5W
0217	K5II	559	NM	KARL	5W
0219	WA50JE	559	TX	DANNY	5W
0220	W5SB	559	TX	BILL	5W
0221	K5ZTY	559	TX	BILL	5W
0224	N1LN	559	MA	BRUCE	5W
0225	KK5LD	559	TX	DAN	5W
0227	W5HNS	559	TX	HENRY	5W
0228	NOUR	559	MN	JIM	5W
0229	W0UFO	559	MN	MERT	5W
0230	KE5TF	559	TX	LINDA	5W
0231	K5LN	559	TX	BILL	5W
0233	KQ5U	559	TX	TERRY	5W
0234	N0AR	559	MN	SCOTT	4W
0235	N5ZE	559	TX	LEW	5W
0236	N1TP	559	FL	TOM	5W
0237	K5VUU	559	TX	ED	5W
0238	K5AAR	559	OK	DON	5W
0239	KB1ENS	559	VT	JOHN`	5W
0240	W5YR	559	TX	GEORGE`	5W
0243	AC5JH	559	OK	TOM	5W
0244	KG5U	559	TX	DALE	1W
0247	NK7M	559	AZ	BOB	5W
0248	N5UW	559	OK	CLIF	5W
0249	W5TB	559	TX	DOC	5W
0250	N5GLQ	559	LA	MIKE	2W
0252	K5JHP	559	TX	BILL	5W
0253	W5USJ	559	TX	CHUCK	5W
0255	K5DW`	559	TX	DON	5W
0256	K5WL	559	OK	BART	1W
0257	K0IVA	559	ND	KEVIN	5W
0258	N5EN	559	TX	STEVE	5W
0300	K7RE	559	AZ	BRIAN	5W
0303	N1FN	559	CO	ET	5W
0303	KI0II	559	CO	RON	5W
0305	N2WW`	559	CO	LARRY	5W
0306	W5PF	559	TX	PAUL	5W
0309	K0MP	559	CO	BILL	5W
0310	N5IW	559	TX	DAVE	5W
0311	N0DSP	559	CO	TOM	5W
0314	NOTU	559	CO	STEVE	5W
0315	WA7TQQ	559	ID	BILL	5W
0318	K6VNX	559	CA	ARLEN	5W
0320	K7FD	559	OR	JOHN	5W
0321	AA7XA	559	OR	FRANK	5W

0325	K50I	559	NM	TIM	5W
0332	AB0CD	559	CO	DICK	5W
0337	N6WG	559	CA	BOB	5W
0343	KJ0C	559	MO	JIM	5W
0349	W6ABC	559	CA	JACK	5W
0353	WE6W	559	CA	ED	5W
0355	W0PWE	559	IA	JERRY	5W
0356	K5PSH	559	TX	JERRY	4W
0358	AA0ZZ	579	MN	CRAIG	5W
0000	KF4AR	000	NC	RICK	FOX <<

Date: Mon, 15 Jan 2001 17:18:18 -0500
 From: "N3BJ" <qrpdx@earthlink.net>
 To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 Subject: [88691] FS: QRP Rigs
 Message-ID: <001501c07f41\$121bfdc0\$4bc1323f@pavilion>

Time to lower the inventory a bit, following are all good working radios that just aren't being used here:

Heath HW-9, with WARC, works fine, a few minor scuffs, physically a solid 8.5. Brand new MRF-237s, gets 10 watts out on 80-20, about 8 watts on 15, 7 watts on 17 and 6 watts on 10. Original, NO mods, with copy of operating manual and schematic, DC cord.

\$305 shipped in the US.

S&S Engineering TAC-1 for 40M, don't think there's a mark on it, just like new. This was factory assembled and has the factory power adjustment mod, 0-8 watts from the rear panel. Internal keyer, audio filter, original manual, perhaps the finest monoband QRP rig ever offered.

\$155 shipped in US.

Same as above except for 80M. Kind of rare, not too many sold.

\$155 shipped in US.

Wilderness Norcal 40A converted to 80M per the manual, works great. Covers from 3625 to 3675, adjustable by user, about 4W out and it is a sweet rig. This is like new, mod well done.

\$110 shipped in US.

Pix on request, taking to Richmond, VA Frostfest this week if still available.

Alan, N3BJ
Bent Mountain, VA

Date: Mon, 15 Jan 2001 17:27:38 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [88692] FW: Wireless Inventor Al Gross Dies
Message-ID: <LPBBJAGIPFHKPJENAKLOMEGNDHAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Riley, Sara [mailto:SRiley@aisvt.bfg.com]
Sent: Monday, January 15, 2001 15:42 PM
To: 'brianbr@wulfden.org'
Subject: Wireless Inventor Al Gross Dies

Sunday January 14 9:51 PM ET
Wireless Inventor Al Gross Dies
PHOENIX (AP) - Al Gross, inventor of the walkie-talkie and a father of wireless communication, once said he believed he was born 35 years too soon.
He died Dec. 21 in Sun City Arizona at age 82.
When Gross, who was born in Toronto and grew up in Cleveland, demonstrated his prototype pager at a medical conference in 1956, it flopped. Doctors told him they didn't want to be bothered during their golf games. Decades later, it delighted him to see such wide use of cellular phones and pagers, a technological offshoot from his first devices.
He earned a degree in electrical engineering at Cleveland's Case School of Applied Science, now Case Western Reserve University.
Seeing the potential for walkie-talkies, the military recruited Gross into

the Office of Strategic Services, the precursor of the Central Intelligence Agency.

There he developed a ground-to-air, battery-operated radio that could transmit up to 30 miles. The device is credited with saving lives during World War II.

After the war, he formed the Citizens Radio Corp. in Cleveland to produce two-way radios for the public. His successful gave Gross the freedom and money to continue inventing.

In 1949 he devised the first wireless pager. That was followed in 1951 by

his wireless telephone. In 1959 he began to work in the aerospace industry,

contributing critical work for digital timing devices in Titan, Atlas and

Minuteman missiles.

He contributed to pop culture came in the late 1940s, when Dick Tracy cartoonist Chester Gould visited the Gross workshop. Gould saw two items that sparked a brainstorm: a watch with a built-in beeper and a wireless microphone.

``Can I use this?'' he asked the inventor, who agreed.

In 1948, the comic strip detective made his debut as a crime fighter aided

by a two-way wrist radio.

Gross' ideas, for which he held many patents, were so far advanced that most

expired before the world was ready for his inventions, and he didn't make

much money.

``I was born 35 years too soon,'' he once told the Arizona Republic.

``If I

still had the patents on my inventions, Bill Gates would have to stand aside

for me.''

Date: Mon, 15 Jan 2001 16:07:51 -0700
From: Andrew Madsen <andrew@utahdesign.com>
To: qrp-1@lehigh.EDU
Subject: [88693] NiMH batteries
Message-ID: <3A6382C6.BDB3B008@utahdesign.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm looking for a source of NiMH batteries. Radio Shack sells 1600 mAH AAs. Is it possible to get AA NiMH batteries with a higher capacity than that? Price is a consideration, but I would like to see EVERYTHING out there, regardless of price, then I can decide how much I'm willing to spend. BTW, I'm planning on using the batteries to power my K1.

--

72,

Andrew Madsen AC7CF

ac7cf@qsl.net

<http://www.qsl.net/ac7cf>

AOL IM: ac7cf

FISTS nr. 7439 | QRP-L nr. 2180

FPQRP#-71 | A.R.S nr. 738

SOC #376 | UARC | ARRL

Norcal | NOGAQRP | NJQRP

Date: Mon, 15 Jan 2001 18:41:34 -0500 (EST)
From: Rohn Blake <rohn@pubrats.com>
To: Jim Hale <kj5tf@yahoo.com>
Cc: qrp-l@lehigh.edu
Subject: [88694] Re: Saturday PSK31 80m net
Message-ID: <Pine.LNX.4.10.10101151837430.17609-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim, et al

> What is the time on the saturday psk net? Freq?

Saturday nights at 9PM Central time is how KC0BDW originally announced it. It's on the NJQRP Club Warbler frequency... 3.580, or thereabouts.

Hope to 'read' you all on Saturday!
de Rohn, KR0HN

Date: Mon, 15 Jan 2001 18:48:03 EST
From: K5BDZ@aol.com
To: qrp-l@lehigh.edu
Subject: [88695] How to...70 foot pines???

Message-ID: <9a.ec27f8f.2794e633@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, after 45 years as a ham, I've finally moved into a house with TALL trees...70 foot pine trees. PROBLEM is that the closeness of the houses limits my choices to "shoot thru" the tip branches for hanging wire antennas without breaking someone elses window...or head!

And the limited angles I have to shoot are almost straight up (out only 25 feet from trunks)

Bow is too powerful (I have a 55 lb pull bow) and arrow trajectory is unacceptable
Sling-shot is my only choice that I see for now.

Any suggestions??? I'm wide open. (pet monkeys trained to climb pines would be wonderful!)

Thanks

Bill, K5BDZ

End of QRP-L Digest 2068

